

**R3795**

**Sub. Code**

**301NM1**

**B.Voc. DEGREE EXAMINATION, NOVEMBER – 2025**

**Fashion Technology**

**NME – FUNDAMENTALS OF APPAREL DESIGNING**

**(CBCS – 2022 onwards)**

Time : 3 Hours

Maximum : 75 Marks

**Part A**

(10 × 1 = 10)

Answer **all** questions by choosing the correct option.

1. The sequence of stages in a Fashion Cycle is (CO1, K1)
  - (a) Introduction – Rise – Peak – Decline – Obsolescence
  - (b) Rise – Introduction – Decline – Peak – Obsolescence
  - (c) Introduction – Decline – Rise – Obsolescence – Peak
  - (d) Introduction – Peak – Rise – Decline – Obsolescence
2. Who among the following is a famous Indian fashion designer? (CO1, K1)
  - (a) Giorgio Armani
  - (b) Ritu Kumar
  - (c) Donatella Versace
  - (d) Christian Dior
3. Which of the following is NOT an element of design? (CO2, K2)
  - (a) Line
  - (b) Texture
  - (c) Emphasis
  - (d) Colour
4. Balance, Rhythm, Harmony, Proportion are examples of. (CO2, K2)
  - (a) Elements of design
  - (b) Principles of design
  - (c) Sewing tools
  - (d) Seam finishes

5. Which tool is used to take body measurements? (CO3, K1)
- (a) Hem gauge                      (b) Measuring tape  
(c) Scissors                      (d) Tracing wheel
6. A seam is defined as \_\_\_\_\_. (CO3, KI)
- (a) A decorative design on fabric  
(b) The fold made while hemming  
(c) The line where two fabrics are stitched together  
(d) A type of fabric ornamentation
7. Which collar type is commonly called Chinese collar? (CO4, K1)
- (a) Peter Pan collar    (b) Mandarin collar  
(c) Ship collar            (d) Sailor collar
8. A placket is used in garments to (CO4, K2)
- (a) Add decoration  
(b) Provide opening for fastening  
(c) Attach lining  
(d) Create pleats
9. Why are body measurements important in garment construction? (CO5, K1)
- (a) For fabric selection  
(b) To ensure proper fit  
(c) To reduce stitching time  
(d) For fashion forecasting
10. Which of the following is a pattern making method? (CO5, K2)
- (a) Knitting                      (b) Draping  
(c) Dyeing                      (d) Embroidery

**Part B**

(5 × 5 = 25)

Answer **all** questions not more than 500 words each.

11. (a) Define design and explain its types. (CO1, K3)

Or

- (b) Illustrate the fashion terminology with examples.  
(CO1, K3)

12. (a) Compare the elements and principles of design with examples. (CO2, K4)

Or

- (b) Interpret the role of colour and texture in apparel design. (CO2, K4)

13. (a) Examine the classification of seams and seam finishes. (CO3, K4)

Or

- (b) Differentiate between plain hem and rolled hem.  
(CO3, K4)

14. (a) Develop a design sketch of any three collars.  
(CO4, K6)

Or

- (b) Create a design for yoke and sleeve combination.  
(CO4, K6)

15. (a) Analyze the importance of accurate body measurements in garment fitting. (CO5, K5)

Or

- (b) Evaluate the principles of pattern making with suitable examples.  
(CO5, K5)

**Part C**

(5 × 8 = 40)

Answer **all** questions not more than 1000 words each.

16. (a) Examine the fashion cycle stages with suitable diagrams. (CO1, K5)

Or

- (b) Critically analyze the contribution of any two famous fashion designers. (CO1, K5)

17. (a) Evaluate the application of design principles in garment designing with examples. (CO2, K5)

Or

- (b) Assess the role of harmony and balance in creating aesthetically pleasing garments. (CO2, K5)

18. (a) Interpret the use of sewing tools in garment construction. (CO3, K4)

Or

- (b) Analyze the constructional features of different seam finishes. (CO3, K4)

19. (a) Construct design variations of plackets and fasteners with illustrations. (CO4, K6)

Or

- (b) Generate sketches of different skirt styles. (CO4, K6)

20. (a) Develop a pattern using dart manipulation method. (CO5, K6)

Or

- (b) Create a pattern grading for a basic bodies. (CO5, K6)

**R3796**

**Sub. Code**

**302NM1**

**B.Voc. DEGREE EXAMINATION, NOVEMBER – 2025**

**Software Development**

**NME: OFFICE AUTOMATION**

**(CBCS – 2022 onwards)**

Time : 3 Hours

Maximum : 75 Marks

**Part A**

(10 × 1 = 10)

Answer **all** the following objective type questions by choosing the correct option.

1. The unit of computer processing speed is measured in  
(CO1, K2)
  - (a) Bits per second
  - (b) Hertz (Hz)
  - (c) Inches per second
  - (d) Baud rate
  
2. \_\_\_\_\_ is a volatile memory.  
(CO1, K1)
  - (a) Hard disk
  - (b) ROM
  - (c) RAM
  - (d) CD-ROM
  
3. The shortcut key for saving a document in MS-Word is  
(CO2, K1)
  - (a) Ctrl + P
  - (b) Ctrl + S
  - (c) Ctrl + C
  - (d) Ctrl + V

4. Which MS-Word feature allows you to link an Excel sheet inside a document? (CO2, K1)
- (a) AutoText
  - (b) Embedding Objects
  - (c) Styles
  - (d) Mail Merge
5. The default file extension of an Excel workbook in the latest versions is \_\_\_\_\_ (CO3, K1)
- (a) .docx
  - (b) .xlsx
  - (c) .pptx
  - (d) .txt
6. Which feature in Excel allows you to summarize and analyze large datasets quickly? (CO3, K2)
- (a) Filter
  - (b) Pivot Table
  - (c) Merge Cells
  - (d) Goal Seek
7. Which feature allows you to display only the records that meet specific criteria? (CO4, K2)
- (a) Sorting
  - (b) Filtering
  - (c) Merging
  - (d) Data Validation

8. The Goal Seek feature in Excel is used to (CO4, K1)
- (a) Forecast sales
  - (b) Find the input value required to achieve a specific result
  - (c) Filter database records
  - (d) Create bar charts
9. Which feature in PowerPoint is used to insert decorative text? (CO5, K1)
- (a) SmartArt
  - (b) WordArt
  - (c) Text Box
  - (d) Slide Master
10. Which feature allows you to animate slide content? (CO5, K1)
- (a) Transitions
  - (b) Animations
  - (c) Design Templates
  - (d) Slide Sorter

**Part B**

(5 × 5 = 25)

Answer **all** questions not more than 500 words each.

11. (a) Explain the five generations of computers with key technologies used in each. (CO1, K1)

Or

- (b) What is an Operating System? Explain its functions in detail with examples (CO2, K2)

12. (a) Explain the steps to create, edit, and save a document in MS-Word (CO2, K2)

Or

- (b) What are AutoText and AutoCorrect features in MS-Word? Give suitable examples. (CO2, K3)

13. (a) Write the steps to create, edit, and save a worksheet in MS-Excel. (CO3, K4)

Or

- (b) Explain any five commonly used Excel functions with examples. (CO3, K1)

14. (a) Define Sorting and Filtering in Excel. Give one example of each. (CO4, K1)

Or

- (b) What is Data Validation in Excel? Explain the steps to set rules for restricting invalid entries. (CO4, K2)

15. (a) Describe briefly Organizational Charts and Excel Charts in PowerPoint. (CO5, K1)

Or

- (b) What is WordArt in PowerPoint? Explain how to insert and customize WordArt. (CO5, K3)

**Part C**

(5 × 8 = 40)

Answer **all** questions not more than 1000 words each.

16. (a) Explain the basic components of a digital computer with a neat diagram. (CO1, K1)

Or

- (b) What are the different types of icons in Windows? Explain with examples. (CO1, K2)

17. (a) Explain the advanced features of MS-Word in detail (CO2, K2)

Or

- (b) Explain the process of creating personalized letters using Mail Merge with an example (CO2, K3)

18. (a) Explain the steps to create different types of charts in MS-Excel. (CO3, K2)

Or

- (b) Describe the importance and process of using Pivot Tables and Pivot Charts in Excel (CO3, K1)

19. (a) Explain Goal Seek in Excel with a simple example. (CO4, K1)

Or

- (b) What is What-If Analysis in Excel? Explain the differences between Goal Seek, Scenario Manager, and Data Tables with examples. (CO4, K2)

20. (a) Explain the step-by-step procedure for creating, editing, and enhancing slides in PowerPoint.

(CO5, K2)

Or

- (b) Discuss the various methods of adding animations, sounds, and multimedia to a Power Point presentation.

(CO5, K3)

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**R3797**

**Sub. Code**

**303NM2**

**M.Voc. DEGREE EXAMINATION, NOVEMBER – 2025**

**Fashion Technology**

**NME – APPAREL MERCHANDISING**

**(CBCS – 2022 onwards)**

Time : 3 Hours

Maximum : 75 Marks

**Part A**

(10 × 1 = 10)

Answer **all** the following objective type questions by choosing the correct option.

1. The process flow in an apparel industry begins with (CO1, K1)
  - (a) Finishing
  - (b) Cutting
  - (c) Designing
  - (d) Quality control
2. The main role of the quality control department in an apparel industry is (CO1, K2)
  - (a) Designing garments
  - (b) Monitoring standards
  - (c) Conducting trade fairs
  - (d) Advertising
3. Export houses are graded in India based on (CO2, K1)
  - (a) Size and turnover
  - (b) Worker skill alone
  - (c) Fabric type used
  - (d) Government subsidy
4. Which one of the following is not a type of buyer classification? (CO2, K2)
  - (a) Wholesaler
  - (b) Exporter
  - (c) Retailer
  - (d) Auditor

5. The concept of “Six Rights’ is related to (CO3, K1)
- (a) Apparel Quality Standards
  - (b) Apparel Merchandising
  - (c) Retail Pricing Strategy
  - (d) Trade Fair participation
6. Which of the following is an essential requisite of a good merchandiser? (CO3, K2)
- (a) Poor communication
  - (b) Decision-making skill
  - (c) Avoiding teamwork
  - (d) Ignoring deadlines
7. Sampling is important in merchandising because it (CO4, K1)
- (a) Reduces fabric wastage
  - (b) Assures buyer confidence
  - (c) Increases machine efficiency
  - (d) Replaces order sheets
8. Which of the following is not a type of approval in merchandising? (CO4, K2)
- (a) Fabric approval
  - (b) Trim approval
  - (c) Packing approval
  - (d) Design approval
9. Trade shows are mainly conducted to (CO5, K1)
- (a) Test garment strength
  - (b) Promote products to buyers
  - (c) Train factory workers
  - (d) Replace retail merchandising

10. AEPC stands for (CO5, K1)
- (a) Apparel Export Promotion Council
  - (b) Apparel Enterprise Product Corporation
  - (c) Asian Export Product Committee
  - (d) Apparel efficiency Planning Council

**Part B** (5 × 5 = 25)

Answer **all** questions not more than 500 words each.

11. (a) Explain the process flow of an apparel industry with a neat diagram. (CO1, K3)
- Or
- (b) Classify the different departments in an apparel industry and summarize their roles. (CO1, K3)
12. (a) Compare the classification of exporters in India with suitable examples. (CO2, K4)
- Or
- (b) Assess the factors influencing buyer decisions in apparel sourcing. (CO2, K4)
13. (a) Analyze the functions of a merchandiser in export merchandising. (CO3, K4)
- Or
- (b) Evaluate the importance of the “Six Rights” in merchandising decisions. (CO3, K4)
14. (a) Examine the role of sampling in apparel merchandising with examples. (CO4, K5)
- Or
- (b) Justify the importance of approvals in merchandising with reference to quality control. (CO4, K5)
15. (a) Design an advertisement plan for promoting a new apparel brand in the domestic market. (CO5, K6)
- Or
- (b) Evaluate the effectiveness of trade shows and fairs in promoting apparel exports. (CO5, K5)

**Part C**

(5 × 8 = 40)

Answer **all** questions not more than 1000 words each.

16. (a) Analyze the organization structure of an apparel Industry and its advantages in managing production. (CO1, K4)
- Or
- (b) Evaluate the contribution of design, production and quality departments to overall profitability. (CO1, K4)
17. (a) Examine the process of sourcing in India and analyze the role of sourcing clusters. (CO2, K5)
- Or
- (b) Critically evaluate the impact of grading systems for export houses on industry growth. (CO2, K5)
18. (a) Assess the skills required for a successful merchandiser with relevant industry examples. (CO3, K5)
- Or
- (b) Develop a company profile format for an apparel export firm. (CO3, K6)
19. (a) Analyze the importance of documentation (order sheet, packing list, invoice, inspection report) in export merchandising. (CO4, K4)
- Or
- (b) Evaluate the effectiveness of assortment planning in meeting buyer requirements. (CO4, K4)
20. (a) Assess the role of advertising, sales promotion, and trade shows in apparel merchandising. (CO5, K5)
- Or
- (b) Propose an innovative strategy to enhance the effectiveness of Apparel Export Promotion Council (AEPC) in supporting exporters. (CO5, K6)

**R3798**

**Sub. Code**

**304NM2**

**M.Voc. DEGREE EXAMINATION, NOVEMBER – 2025**

**Software Development**

**NME : PRINCIPLES OF DIGITAL MARKETING**

**(CBCS – 2022 onwards)**

Time : 3 Hours

Maximum : 75 Marks

**Part A**

(10 × 1 = 10)

Answer **all** the following objective type questions by choosing the correct option.

- \_\_\_\_\_ is an example of digital advertising. (CO1, K1)  
(a) Newspaper ads      (b) TV commercials  
(c) Google Ads          (d) Billboards
- A good digital marketing strategy primarily involves \_\_\_\_\_ . (CO1, K1)  
(a) Random posting on social media  
(b) Integrating data, content, and consumer behavior  
(c) Avoiding consumer engagement  
(d) Ignoring search engines
- Which of the following metrics measures e-mail campaign success? (CO2, K1)  
(a) Bounce rate          (b) Open rate  
(c) Click-through rate (d) All of the above
- \_\_\_\_\_ is not a form of social media. (CO2, K1)  
(a) Facebook              (b) Instagram  
(c) Microsoft Word      (d) LinkedIn

5. \_\_\_\_\_ tools is commonly used for monitoring online brand mentions? (CO3, K1)
- (a) Google Alerts (b) MS Word  
(c) Excel Pivot Table (d) PowerPoint
6. Which platform is MOST commonly used for affiliate marketing? (CO3, K1)
- (a) Canva (b) Flipkart Affiliate  
(c) MS PowerPoint (d) Photoshop
7. \_\_\_\_\_ is an example of a mobile payment app. (CO4, K1)
- (a) Excel (b) PayPal  
(c) PowerPoint (d) Outlook
8. \_\_\_\_\_ is a payment service provider in India. (CO4, K1)
- (a) Paytm (b) Razorpay  
(c) PhonePe (d) All of the above
9. Which of the following is a myth about creativity? (CO5, K1)
- (a) Creativity can be developed  
(b) Creativity is only for geniuses  
(c) Creativity can solve business problems  
(d) Creativity involves structured thinking
10. What is the first step in the design thinking process? (CO5, K1)
- (a) Prototype (b) Empathize  
(c) Test (d) Implement

**Part B**

(5 × 5 = 25)

Answer **all** questions not more than 500 words each.

11. (a) Explain the evolution of digital marketing and how it has changed the advertising landscape. (CO1, K1)

Or

- (b) What are the key technologies behind digital marketing? Give examples. (CO1, K2)

12. (a) What is e-mail marketing? Explain why it is called “the new direct mail”. (CO2, K2)

Or

- (b) Explain the different forms of social media with suitable examples. (CO2, K3)

13. (a) Define Online Reputation Management (ORM) and explain its importance in digital marketing. (CO3, K3)

Or

- (b) What is affiliate marketing? Discuss its benefits for both advertisers and publishers. (CO3, K1)

14. (a) Explain the role of cyber wallets in digital payment systems with examples. (CO4, K1)

Or

- (b) Write a short note on privacy and security in online payment systems. (CO4, K2)

15. (a) Differentiate between creativity and innovation with suitable examples. (CO5, K2)

Or

- (b) What is design thinking? Describe its key features. (CO5, K3)

**Part C**

(5 × 8 = 40)

Answer **all** questions not more than 1000 words each.

16. (a) Explain the strategic thinking process involved in developing a digital marketing strategy. (CO1, K1)

Or

- (b) Explain the process of building an effective website for digital marketing. (CO1, K2)

17. (a) Discuss the vital components of successful e-mail marketing. (CO2, K1)

Or

- (b) Describe the role of social media in online consumer engagement. (CO2, K2)

18. (a) Explain the role of Online PR in fostering a positive brand image. (CO3, K1)

Or

- (b) Explain the concept strategic partnerships in digital marketing with suitable examples. (CO3, K2)

19. (a) Explain in detail the working of digital payment systems with examples. (CO4, K2)

Or

- (b) Discuss the importance of customer satisfaction and loyalty in online transactions. (CO4, K3)

20. (a) Explain creativity myths and their dangers to personal and organizational growth. (CO5, K2)

Or

- (b) “Experiments are the backbone of innovation.” Discuss. (CO5, K3)

**R3799**

**Sub. Code**

**311NM1**

**B.Sc. DEGREE EXAMINATION, NOVEMBER – 2025**

**Catering Science and Hotel Management**

**NME – BASIC CATERING SERVICES**

**(CBCS – 2022 onwards)**

Time : 3 Hours

Maximum : 75 Marks

**Part A**

(10 × 1 = 10)

Answer **all** the following objective type questions by choosing the correct option.

1. \_\_\_\_\_ cuisine has Portugal influence (CO1, K1)  
(a) Middle east (b) Goan  
(c) Chinese (d) French
2. Who is called as Chef Poissonnier? (CO1, K1)  
(a) Fish Cook (b) Soup Cook  
(c) Meat Cook (d) Pantry Cook
3. Broiling is \_\_\_\_\_ cooking method (CO2, K2)  
(a) Dry (b) Wet  
(c) Steam (d) Shallow
4. Modern form of roasting is called (CO2, K2)  
(a) Spit Pot  
(b) Tandoor  
(c) Grilling  
(d) Oven roasting

5. Which of the following is not permitted by govt to function after 11 pm? (CO3, K1)
- (a) Restaurant (b) Room Service  
(c) Coffee Shop (d) Bar
6. The example of secondary catering establishments are (CO3, K1)
- (a) Bars  
(b) Restaurants  
(c) Outdoor catering  
(d) Industrial Catering
7. Gueridon service refers to (CO3, K2)
- (a) Trolley Service (b) Buffet Service  
(c) Leaf Service (d) English Service
8. The French term for captain is (CO4, K1)
- (a) Chef de cuisine (b) Sommelier  
(c) Chef de Rang (d) None of these
9. The department that consists of front office, housekeeping is known as (CO5, K1)
- (a) F and B (b) Room Division  
(c) Security (d) Operations
10. Who is called as Valet in front office? (CO5, K1)
- (a) Receptionist (b) Bell Boys  
(c) Drivers (d) Duty Manager

**Part B**

(5 × 5 = 25)

Answer **all** questions not more than 500 words each.

11. (a) Draw the Organizational chart of kitchen in a large category hotel. (CO1, K2)

Or

- (b) Explain about the skills required for a Pastry Chef. (CO1, K2)

12. (a) What do you mean by Soups? Write its classification. (CO2, K1)

Or

- (b) Define: Steaming and Stewing. (CO2, K1)

13. (a) Differentiate between Restaurant and Coffee Shop. (CO3, K2)

Or

- (b) Examine the features and types of bar. (CO3, K1)

14. (a) Describe the coordination of F&B service with front office. (CO4, K4)

Or

- (b) What is Banquet function Prospectus? Write its uses. (CO4, K2)

15. (a) Draw a neat layout of housekeeping department of a five star hotel. (CO5, K1)

Or

- (b) Distinguish between: Job Specification and Job Description. (CO5, K4)

**Part C**

(5 × 8 = 40)

Answer **all** questions not more than 1000 words each.

16. (a) Explain about the aims and objectives of cooking. (CO1, K1)
- Or
- (b) Write about duties and responsibilities of various kitchen staff. (CO1, K1)
17. (a) Outline the Preparation of various stocks with two examples. (CO2, K2)
- Or
- (b) Describe about the special methods of cooking. (CO2, K2)
18. (a) List out the types of service offered in the course of day. (CO3, K4)
- Or
- (b) Difference between: Bar and Pub. (CO3, K2)
19. (a) Why does intra department relationship is necessary in F & B service? (CO4, K6)
- Or
- (b) Explain about the technical skills required for F&B personnel. (CO4, K6)
20. (a) Housekeeping is the backbone of the hotel — Justify the statement. (CO5, K2)
- Or
- (b) Explain the coordination of front office and housekeeping departments. (CO5, K1)

**R3800**

**Sub. Code**

**316NM2**

**B.A. DEGREE EXAMINATION, NOVEMBER – 2025**

**Gender Studies**

**NME – KEY CONCEPTS IN GENDER STUDIES**

**(CBCS – 2022 onwards)**

Time : 3 Hours

Maximum : 75 Marks

**Part A**

(10 × 1 = 10)

Answer **all** the following objective type questions by choosing the correct option.

1. The concept of patriarchy refers to: (CO1, K1)
  - (a) Equal distribution of power
  - (b) A system where women hold authority over men
  - (c) A social system dominated by male power and control
  - (d) Gender-neutral governance
  
2. Gender stereotypes are (CO2, K2)
  - (a) Preconceived ideas about the characteristics of men and women
  - (b) Scientifically proven facts
  - (c) Fixed biological traits
  - (d) Legal rules

3. Gender mainstreaming involves (CO3, K3)
- (a) Promoting women's issues in women-only institutions
  - (b) Including gender perspectives at all stages of policy and program development
  - (c) Funding men's sports events
  - (d) Erasing all gender-specific data
4. Gender-based violence includes (CO2, K4)
- (a) Only physical violence
  - (b) Only emotional abuse
  - (c) Any harm directed at individuals based on their gender
  - (d) Only violence within the home
5. Determinism, in gender studies, implies that: (CO4, K2)
- (a) Social factors can always change biology
  - (b) Biology alone decides human behavior and social roles
  - (c) Gender identity is random
  - (d) Gender is irrelevant in modern society
6. Socialisation refers to (CO1, K2)
- (a) Natural instincts
  - (b) Genetic learning
  - (c) The process of learning norms, values and roles from society
  - (d) Isolation from social norms

7. Gender equality means. (CO2, K1)
- (a) Equal rights, responsibilities and opportunities for all genders
  - (b) Giving more rights to women only
  - (c) Treating all genders exactly the same regardless of context
  - (d) Erasing gender categories
8. HDI stands for (CO5, K1)
- (a) Human Development Index
  - (b) Health and Development Information
  - (c) Human Diversity Indicator
  - (d) Health Distribution Index
9. Women's empowerment primarily means (CO3, K2)
- (a) Giving charity to women
  - (b) Giving women dominance over men
  - (c) Enhancing women's ability to make life choices and access opportunities
  - (d) Keeping women in traditional roles
10. Economic empowerment includes (CO4, K3)
- (a) Women's access to mobile phones
  - (b) Women's control over income and productive assets
  - (c) Fashion and beauty trends
  - (d) Cultural representation

**Part B**

(5 × 5 = 25)

Answer **all** the questions not more than 500 words each.

11. (a) What is gender ideology? How does it influence social behavior? (CO1, K2)

Or

- (b) Define gender stereotypes. Give examples of how they affect both men and women. (CO1, K1)

12. (a) What is gender training? Why is it important for institutions and organizations? (CO2, K3)

Or

- (b) Define gender-based violence. List two forms and briefly explain them. (CO2, K2)

13. (a) Define dualism and discuss its relevance in gender theory. (CO3, K4)

Or

- (b) What is objectification? Give two examples from media or advertising. (CO3, K2)

14. (a) Define the Gender-related Development Index (GDI) and explain its significance. (CO4, K3)

Or

- (b) Discuss the limitations of pursuing gender equality without gender equity. (CO4, K4)

15. (a) What are the main components or dimensions of women's empowerment? (CO5, K3)

Or

- (b) Explain the role of education in empowering women. (CO5, K4)

**Part C** (5 × 8 = 40)

Answer **all** the questions not more than 1000 words each.

16. (a) Examine how gender discrimination operates in education, workplace and media with suitable examples. (CO1, K4)

Or

- (b) How does the gender division of labour contribute to economic and social inequality? Discuss with examples. (CO2, K3)

17. (a) Discuss the significance of gender budgeting in ensuring equitable allocation of public resources. (CO3, K3)

Or

- (b) What is a gender audit? Explain its methodology and importance in promoting gender accountability. (CO3, K4)

18. (a) Discuss how the concepts of femininities and masculinities challenge fixed gender identities. (CO4, K5)

Or

- (b) Explain the theories of biological determinism and social constructivism in understanding gender. (CO4, K4)

19. (a) Compare and contrast gender equality and gender equity. Why is equity important for achieving real equality? (CO5, K4)

Or

- (b) Critically assess the use of statistical indicators (GDI, GEM) to measure gender justice. (CO5, K5)

20. (a) Analyze the barriers to women's empowerment in developing countries and suggest practical solutions. (CO5, K5)

Or

- (b) Discuss the importance of political empowerment in achieving gender equality. (CO5, K5)

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R3801

Sub. Code

411NM2

M.A. DEGREE EXAMINATION, NOVEMBER – 2025

தமிழ்

NME : இதழியல் மற்றும் தகவல் தொடர்பியல்

(CBCS – 2022 onwards)

Time : 3 Hours

Maximum : 75 Marks

பகுதி அ

(10 × 1 = 10)

சரியான விடையைத் தேர்ந்தெடுத்து எழுதுக.

1. இந்தியாவின் முதல் பத்திரிக்கை எது? (CO1, K1)  
(அ) சென்னை கெசட் (ஆ) வங்காள கெசட்  
(இ) சுதேசமித்திரன் (ஈ) குடியரசு
2. டயர்னல் என்ற \_\_\_\_\_ சொல்லிருந்து journalism எனும் ஆங்கிலச் சொல் பிறந்தது. (CO1, K1)  
(அ) கிரேக்கம் (ஆ) இலத்தீன்  
(இ) பிரெஞ்சு (ஈ) ரோமானியம்
3. தமிழ்நாட்டில் முதன்முதலாக கருத்துப்பத்தை வெளியிட்டவர் யார்? (CO2, K4)  
(அ) கவிமணி (ஆ) பாரதிதாசன்  
(இ) பாரதியார் (ஈ) சுரதா
4. நிருபம் என்ற சொல்லிற்கு பொருள் யாது? (CO2, K4)  
(அ) செய்தித் தாள்கள் (ஆ) செய்திக் கடிதங்கள்  
(இ) செய்தியாளர்கள் (ஈ) கருத்துப்படங்கள்

5. ஒரு முக்கியச் செய்தி பற்றி அதன் ஆசிரியர் சுருக்கமாகக் கருத்துத் தெரிவித்து எழுதப்படுவது \_\_\_\_\_. (CO3, K1)
- (அ) தலையங்கம் (ஆ) கருத்துப்படம்  
(இ) கலைச்சொற்கள் (ஈ) காது செய்திகள்
6. தேசபக்தன் பத்திரிக்கைக்காக ஒரு தனி நடையை மேற்கொண்டவர்? (CO3, K1)
- (அ) பாரதியார் (ஆ) நாமக்கல் கவிஞர்  
(இ) கலைஞர் (ஈ) திரு.வி.க.
7. தமிழகத்தில் தொடங்கப்பட்ட முதல் வானொலிநிலையம் எங்கு தொடங்கப்பட்டது. (CO4, K1)
- (அ) மதுரை (ஆ) திருச்சிராப்பள்ளி  
(இ) சென்னை (ஈ) சேலம்
8. உலக இணையத்தின் தந்தை யார்? (CO4, K1)
- (அ) டிம் பெர்னார்ஸ்-லீ (ஆ) ஜேம்ஸ் அகஸ்டஸ் ஹக்கி  
(இ) ஜான் கிலண்டன் (ஈ) ஜான் லோகி பைர்டு
9. பதினைந்து நாட்களுக்கு ஒருமுறை வரும் இதழை \_\_\_\_\_ என்று அழைப்பர். (CO5, K4)
- (அ) வார இதழ் (ஆ) திங்களிதழ்  
(இ) பிறை இதழ் (ஈ) மாத இருமுறை இதழ்
10. தமிழ் மெகசீன் வெளிவந்த ஆண்டு? (CO5, K4)
- (அ) 1860 (ஆ) 1831  
(இ) 1821 (ஈ) 1852

அனைத்து வினாக்களுக்கும் **500** சொற்களுக்கு மிகாமல் விடையளிக்க.

11. (அ) இதழியல் விளக்கம் தருக. (CO1, K1)  
(அல்லது)  
(ஆ) இதழ்களின் பணிகள் குறித்து மொழிக. (CO1, K1)
12. (அ) செய்தியின் வரையறைகளைப் பகர்க. (CO2, K4)  
(அல்லது)  
(ஆ) செய்தி சேகரிப்பு முறைகள் குறித்து விளம்புக. (CO2, K4)
13. (அ) கருத்துப் படங்களின் பணியைக் குறிப்பிடுக. (CO3, K1)  
(அல்லது)  
(ஆ) தொழில்சார் இதழ்களின் தேவைகளை எடுத்துரைக்க. (CO3, K1)
14. (அ) இன்றைய சமுதாயத்தில் வானொலி பங்களிப்புக் குறித்து எழுதுக. (CO4, K1)  
(அல்லது)  
(ஆ) இன்றைய சமுதாயத்தில் திரைப்படங்கள் தாக்கம் குறித்துப் பகர்க. (CO4, K1)
15. (அ) கணினி குறித்து இயம்புக. (CO5, K4)  
(அல்லது)  
(ஆ) சமூக வலைதளங்களின் பங்களிப்புப் பற்றி விளம்புக. (CO5, K4)

அனைத்து வினாக்களுக்கும் **1000** சொற்களுக்கு மிகாமல் விடையளிக்க.

16. (அ) தமிழ் இதழ்கள் குறித்துக் கட்டுரை வரைக. (CO1, K1)  
(அல்லது)  
(ஆ) இதழியலின் தோற்றம் வளர்ச்சி குறித்து கட்டுரை வரைக. (CO1, K1)
17. (அ) செய்தி நிறுவனங்களின் பணிகளை விவரிக்க. (CO2, K4)  
(அல்லது)  
(ஆ) செய்திகளின் வகைகள் குறித்து எடுத்துரைக்க. (CO2, K4)
18. (அ) 'தலையங்கம்' – கட்டுரைக்க. (CO3, K1)  
(அல்லது)  
(ஆ) இதழ்களின் இன்றைய நிலைகள் குறித்து ஆய்ந்துரைக்க. (CO3, K1)
19. (அ) வானொலி தோற்றம் வளர்ச்சி குறித்து கட்டுரை வரைக. (CO4, K1)  
(அல்லது)  
(ஆ) இன்றைய சமூகத்தில் தொலைபேசியின் நன்மை தீமைகளை ஆய்ந்துரைக்க. (CO4, K1)
20. (அ) தற்காலத் தமிழ் இதழ்களின் போக்குகளை ஆராய்க. (CO5, K4)  
(அல்லது)  
(ஆ) இணையத்தின் பயன்பாடுகள் குறித்து விளக்கியுரைக்க. (CO5, K4)

**R3802**

**Sub. Code**

**414NM2**

**M.A. DEGREE EXAMINATION, NOVEMBER – 2025**

**Theatre and Film Studies**

**NME : MIME & CHOREOGRAPHY**

**(CBCS – 2022 onwards)**

Time : 3 Hours

Maximum : 75 Marks

**Part A**

(10 × 1 = 10)

Answer **all** the following objective questions by choosing the correct option.

1. In mime performance, which body part is considered the “center of emotional expression”? (CO1, K1)
  - (a) Hands
  - (b) Face
  - (c) Torso
  - (d) Legs
  
2. What is the primary purpose of studying animal behavior in mime training? (CO1, K1)
  - (a) Entertainment value
  - (b) Understanding natural movement patterns
  - (c) Developing comedic timing
  - (d) Improving balance

3. In modern mime, what is the technique called when creating an invisible wall? (CO2, K1)
- (a) Wall blocking
  - (b) Fixed point
  - (c) Space definition
  - (d) Air sculpting
4. What is the primary difference between traditional mime and pantomime? (CO2, K1)
- (a) Pantomime uses props, mime doesn't
  - (b) Mime is more abstract, pantomime is more narrative
  - (c) Pantomime allows speaking, mime is silent
  - (d) Mime uses music, pantomime doesn't
5. What is the purpose of studying body anatomy in mime training? (CO3, K1)
- (a) Medical knowledge
  - (b) Understanding movement limitations and possibilities
  - (c) Improving flexibility only
  - (d) Building strength only
6. Which element is most important when designing choreography for performance? (CO3, K1)
- (a) Costume design
  - (b) Music selection
  - (c) Spatial awareness
  - (d) Lighting effects

7. Which factor is most important when working on stylized movements? (CO4, K1)
- (a) Speed of execution
  - (b) Precision and control
  - (c) Musical timing
  - (d) Costume coordination
8. What is the key principle in creating emotional expressions through body movement? (CO4, K1)
- (a) Facial expressions only
  - (b) Hand gestures only
  - (c) Whole body integration
  - (d) Vocal projection
9. Which aspect is most important when developing basic hand movements in mime? (CO5, K1)
- (a) Speed
  - (b) Strength
  - (c) Precision
  - (d) Size
10. Which element is most crucial when imitating animal behavior? (CO5, K1)
- (a) Sound effects
  - (b) Costume design
  - (c) Movement characteristics
  - (d) Speed of movement

**Part B**

(5 × 5 = 25)

Answer **all** the questions not more than 500 words each.

11. (a) Analyze the relationship between breath control and movement quality in mime performance. How does proper breathing technique enhance physical expression? (CO1, K4)

Or

- (b) Explain the approaches to hand gestures in traditional mime versus modern mime. How have these techniques evolved? (CO1, K4)

12. (a) Explain the importance of isolation exercises in developing control over different body parts. How do these exercises contribute to overall performance quality? (CO2, K4)

Or

- (b) Examine the role of facial expressions in mime. How do they complement or contrast with body movements? (CO2, K4)

13. (a) Analyze the importance of weight distribution and balance in creating convincing mime illusions. Include specific examples. (CO3, K4)

Or

- (b) Evaluate the significance of studying different animal gaits and movements. How does this knowledge enhance a performer's movement vocabulary? (CO3, K4)

14. (a) Analyze the relationship between music and movement in modern choreography. How does musical understanding influence movement choices?  
(CO4, K4)

Or

- (b) Examine the role of negative space in choreographic composition. How does it contribute to overall visual impact?  
(CO4, K4)
15. (a) Analyze the importance of core strength in executing complex movement combinations.  
(CO5, K4)

Or

- (b) How does it affect performance quality? (CO5, K4)

**Part C**

(5 × 8 = 40)

Answer **all** questions, not more than 1000 words each.

16. (a) Evaluate the role of improvisation in developing original choreographic sequences. How does it enhance creativity?  
(CO1, K4)

Or

- (b) Analyze the importance of spatial awareness in group choreography. How does it affect composition and performance?  
(CO1, K4)
17. (a) Explain the relationship between emotional intention and physical expression in mime. How do they interconnect?  
(CO2, K4)

Or

- (b) Examine the role of repetition and variation in choreographic development. How do they contribute to movement phrases?  
(CO2, K4)

18. (a) Analyze the importance of understanding skeletal structure in developing safe and effective movement patterns. (CO3, K4)

Or

- (b) Examine the psychological aspects of movement creation in choreography. How do mental processes, emotional understanding, and physical execution interact in the creative process? (CO3, K4)
19. (a) Explain the integration of traditional mime techniques with modern dance forms. How has this fusion influenced contemporary performance practices? (CO4, K4)

Or

- (b) Analyze the role of mime and choreography in different theatrical traditions worldwide. How do cultural differences affect movement interpretation and expression? (CO4, K4)
20. (a) Examine the impact of digital technology on contemporary mime and choreography. How have new media and virtual spaces transformed traditional practices? (CO5, K4)

Or

- (b) Analyze the role of somatic practices in developing body awareness and movement quality. How do these methods enhance performance capabilities? (CO5, K4)

**R3803**

**Sub. Code**

**415NM2**

**M.A. DEGREE EXAMINATION, NOVEMBER – 2025**

**History**

**NME – CULTURAL HERITAGE OF INDIA**

**(CBCS – 2022 onwards)**

Time : 3 Hours

Maximum : 75 Marks

**Part A**

(10 × 1 = 10)

Answer **all** the following objective type questions by choosing the correct option.

1. \_\_\_\_\_ is the collection of common beliefs, values, practices, material products and symbols of communication in a particular society. (CO1, K3)  
(a) Renaissance (b) Reformation  
(c) Culture (d) Paintings
2. Who define culture first? (CO1, K2)  
(a) Tylor (b) Maxmuller  
(c) Cooling Wood (d) Henry IV
3. India is well known for its \_\_\_\_\_ across the world. (CO2, K2)  
(a) Wealth  
(b) Food  
(c) Unity in Diversity  
(d) Traditions

4. \_\_\_\_\_ is a Journey of moral or spiritual significance. (CO2, K2)
- (a) A Pilgrimage      (b) A Voyage  
(c) A Tour      (d) A Sleep
5. Where Gautama Buddha first taught the Dhamma and established the Buddhist Sangha? (CO3, K2)
- (a) Saranath      (b) Nalanda  
(c) Hampi      (d) Lumbini
6. Lord Buddha was born in \_\_\_\_\_. (CO3, K2)
- (a) 623 B.C      (b) 249 B.C  
(c) 563 B.C      (d) 641 B.C
7. Who is the father of Indian pottery? (CO4, K2)
- (a) Sardar Gurcharan Singh  
(b) Karan Singh  
(c) Ujial Singh  
(d) R.K.Narayanan
8. \_\_\_\_\_ are the raw materials most associated with Indian Textiles. (CO4, K2)
- (a) Cotton      (b) Silk  
(c) Cotton and silk      (d) Jute
9. Mahavir Janma Kalyanak is one of the most important religious festivals in \_\_\_\_\_. (CO5, K2)
- (a) Buddhism      (b) Islam  
(c) Jainism      (d) Sikhism

10. Aadi Pooram, is a festival that celebrates the birth of Goddess \_\_\_\_\_. (CO5, K2)
- (a) Meenakshi (b) Andal  
(c) Durga (d) Mariamman

**Part B** (5 × 5 = 25)

Answer **all** questions not more than 500 words each.

11. (a) Point out the definitions of culture. (CO1, K2)

Or

- (b) Explain the nature and importance of culture. (CO1, K3)

12. (a) Classify the scope of cultural heritage in India. (CO2, K2)

Or

- (b) Classify the characteristics of Indian Culture. (CO2, K3)

13. (a) Give an account on Nagore Dargah. (CO3, K2)

Or

- (b) Describe Saravana Belagola. (CO3, K2)

14. (a) Distinguish Attangudi Tiles. (CO4, K3)

Or

- (b) Classify the Indian Textiles. (CO4, K4)

15. (a) Give an outline on Christmas. (CO5, K2)

Or

- (b) Summaries, Dhashara festival. (CO5, K2)

**Part C**

(5 × 8 = 40)

Answer **all** questions not more than 1000 words each.

16. (a) List out the types of culture. (CO1, K3)

Or

- (b) Assess the evolution and development of culture in India. (CO1, K4)

17. (a) Explain the features of cultural heritage in India. (CO2, K2)

Or

- (b) Summarise the History of Pilgrimage Heritage in India. (CO2, K2)

18. (a) Describe Rameshwaram. (CO3, K2)

Or

- (b) Describe the importance of Varanasi. (CO3, K2)

19. (a) Simplify the Dances of India. (CO4, K3)

Or

- (b) Classify the Musical instruments in India. (CO4, K3)

20. (a) Explain the Pongal festival. (CO5, K2)

Or

- (b) Express the national festivals in India. (CO5, K2)

**R3804**

**Sub. Code**

**452NM3**

**M.S.W. DEGREE EXAMINATION, NOVEMBER – 2025**

**Social Work**

**NME : NGO MANAGEMENT**

**(CBCS – 2022 onwards)**

Time : 3 Hours

Maximum : 75 Marks

**Part A**

(10 × 1 = 10)

Answer **all** the following objective type questions by choosing the correct option.

1. Volunteerism is based on: (CO1, K1)
  - (a) Force
  - (b) Payment
  - (c) Free will and service motive
  - (d) Punishment
  
2. FCRA primarily governs: (CO1, K1)
  - (a) Internal transfers
  - (b) Fund mobilization from abroad
  - (c) Staff salaries
  - (d) Domestic partnerships

3. Explain the purpose of Participatory Rural Appraisal. (CO2, K2)
- (a) Data secrecy
  - (b) Government control
  - (c) Community-led planning
  - (d) Police inquiry
4. Apply the concept of community mapping to a sanitation project. (CO2, K2)
- (a) Identify latrine locations through community walk and sketching
  - (b) Use Google Maps
  - (c) Ask government
  - (d) Use drone
5. Compare NGO registration under Society vs. Trust. (CO1, K2)
- (a) Society has flexible structure; Trust is rigid
  - (b) Trusts are not legal
  - (c) Societies can't own property
  - (d) Same in all aspects
6. Assess how organizational leadership impacts volunteer engagement. (CO2, K2)
- (a) No connection
  - (b) Autocratic styles increase involvement
  - (c) Transformational leadership enhances ownership and retention
  - (d) HR only matters

7. Develop a small budget format for a health camp project. (CO3, K3)
- (a) Include resource cost, logistics, honorarium, contingency
  - (b) Write a paragraph
  - (c) Avoid line items
  - (d) Mention donations
8. Interpret the difference between project appraisal and project evaluation. (CO2, K2)
- (a) Appraisal is done after completion
  - (b) Evaluation is a guess
  - (c) Appraisal is before sanction; evaluation is during/after
  - (d) Both are same
9. Appraise the impact of digital tools on NGO operations. (CO3, K2)
- (a) Reduces human need
  - (b) Slows down field work
  - (c) Enhances MIS, tracking, communication
  - (d) Only useful for MNCs
10. Create a disaster relief coordination model for NGOs. (CO2, K2)
- (a) Work in silos
  - (b) Share real-time data, define zones, partner with govt and CBOs
  - (c) Wait for donors
  - (d) Distribute cash only

**Part B**

(5 × 5 = 25)

Answer **all** questions not more than 500 words each.

11. (a) Explain the characteristic of NGO. (CO1, K2)

Or

- (b) Write the difference between Voluntary Organization and NGO. (CO1, K3)

12. (a) Write the significance of Baseline studies. (CO2, K3)

Or

- (b) Explain the various techniques of project formulation. (CO2, K3)

13. (a) Show case the role of Women Development Corporation. (CO3, K3)

Or

- (b) Show case the steps in preparing budget. (CO3, K3)

14. (a) Explain the types of evaluation. (CO4, K3)

Or

- (b) Write short notes on Project Appraisal. (CO4, K3)

15. (a) Bring out the methods of PRA. (CO4, K3)

Or

- (b) Show Case the project evaluation techniques. (CO3, K3)

**Part C**

(5 × 8 = 40)

Answer **all** questions not more than 1000 words each.

16. (a) Analyze the types of NGOs with examples. (CO1, K4)

Or

- (b) Describe the steps for formulation of The Trust Act. (CO1, K4)

17. (a) Discuss the functions of CSWB and SSWB with examples. (CO2, K4)

Or

- (b) Discuss the principles of fund raising. (CO3, K3)

18. (a) Analyze the significance of creating project Management system. (CO4, K4)

Or

- (b) Highlight the basic techniques and documentation of fund raising. (CO3, K4)

19. (a) Enumerate the roles of Ministry of Social Defence. (CO4, K4)

Or

- (b) Describe the roles of information management a time management in an organization. (CO5, K4)

20. (a) Analyze the roles of individuals in an organization with example. (CO5, K4)

Or

- (b) Describe the principles of management in detail. (CO4, K4)
-

**R3805**

**Sub. Code**

**455NM2**

**M.A. DEGREE EXAMINATION, NOVEMBER – 2025**

**Economics**

**NME — STATISTICS FOR DECISION MAKING**

**(CBCS – 2022 onwards)**

Time : 3 Hours

Maximum : 75 Marks

**Part A**

(10 × 1 = 10)

Answer **all** the following objective type questions by choosing the correct option.

- \_\_\_\_\_ is not a measure of central tendency.(CO1, K1)
  - Mode
  - Range
  - Mean
  - Median
- The positional measure of central tendency is (CO1, K1)
  - Arithmetic mean
  - Geometric mean
  - Median
  - Mode
- Which of the following are methods under measures of dispersion? (CO2, K2)
  - Standard deviation
  - Mean deviation
  - Range
  - All of the above

4. The coefficient of variation is a percentage expression for \_\_\_\_\_ (CO2, K1)
- (a) Standard deviation
  - (b) Quartile deviation
  - (c) Mean deviation
  - (d) None of the above
5. What will be the probability of an impossible event? (CO3, K1)
- (a) 1
  - (b) 0
  - (c) Infinity
  - (d) None of the above
6. Testing the significance of difference between two sample means \_\_\_\_\_ test should be applied. (CO3, K1)
- (a) F test
  - (b) Chi-square test
  - (c) t – test
  - (d) ANOVA
7. A decrease in one variable is accompanied by decrease in another variable is called (CO4, K2)
- (a) Positive correlation
  - (b) Negative correlation
  - (c) Linear correlation
  - (d) Non-correlation

8. The rank correlation co-efficient was developed by (CO4, K2)
- (a) Bowley (b) Spearman  
 (c) Karl Pearson (d) None of these
9. If  $r = 1$ , the angle between the two regression line is (CO5, K1)
- (a) 90 degree (b) 60 degree  
 (c) 50 degree (d) 0 degree
10. In regression analysis. the variable that is being predicted is \_\_\_\_\_ (CO1, K2)
- (a) Response, or dependent variable  
 (b) Independent variable  
 (c) Intervening variable  
 (d) Usually  $x$

**Part B** (5 × 5 = 25)

Answer **all** questions not more than 500 words each.

11. (a) Discuss the uses of Harmonic mean. (CO1, K2)

Or

- (b) Calculate the mode form the following : (CO1, K4)

Size	10	11	12	13	14	15	16
Frequency	15	19	20	8	4	3	2

12. (a) Explain the main characteristics of a good measure of dispersion. (CO2, K3)

Or

- (b) Calculate the quartile deviation from the following data : (CO2, K4)  
10, 15, 13, 18, 8, 16, 17, 14, 20, 6, 22.

13. (a) Describe the various approaches of probability. (CO3, K2)

Or

- (b) Write a short note on Poisson distribution. (CO3, K2)

14. (a) What are the uses of correlation? (CO4, K3)

Or

- (b) Calculate rank correlation from the following data (CO4, K4)

X	25	30	40	28	42	47
Y	30	40	55	60	48	52

15. (a) Prepare a note on simple linear regression model. (CO4, K2)

Or

- (b) Describe how to interpret the value of R and R-square in regression analysis. (CO5, K2)

**Part C**

(5 × 8 = 40)

Answer **all** questions not more than 1000 words each.

16. (a) What are the various measures of central tendency used in statistical analysis? Explain their characteristics. (CO1, K3)

Or

- (b) Calculate the arithmetic mean from the following income distribution: (CO1, K5)

Income (Rs.)	100-200	200-300	300-400	400-500	500-600
No. of Persons (f)	4	15	10	8	3

17. (a) Distinguish between the mean deviation and standard deviation. (CO2, K3)

Or

- (b) Find out the mean deviation from mean and its co-efficient from the following series. (CO2, K4)

X	2	4	6	8	10	12	14
Y	1	4	6	5	2	3	1

18. (a) Explain Chi-square test. Why is it called non-parametric test? (CO3, K2)

Or

- (b) Distinguish between large sample and small sample tests. Mention the principal steps in testing of hypothesis. (CO3, K3)

19. (a) Explain the different types of correlation with examples. (CO4, K2)

Or

- (b) Compute Karl Pearson's co-efficient of correlation from the following data : (CO4, K4)

Marks in Economics 65 66 70 71 65 80 90

Marks in Statistics 60 67 71 70 63 82 93

20. (a) Calculate the two regression equations of X on Y and Y on X from the following data : (CO5, K5)

X 1 2 3 4 5 6 7 8 9

Y 9 8 10 12 11 13 14 16 15

Or

- (b) Briefly explain the various methods of estimating the growth rates. (CO5, K3)

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**R3806**

**Sub. Code**

**458NM2**

**M.A. DEGREE EXAMINATION, NOVEMBER – 2025**

**Gender Studies**

**NME : LIFE SKILL EDUCATION**

**(CBCS – 2022 onwards)**

Time : 3 Hours

Maximum : 75 Marks

**Part A**

(10 × 1 = 10)

Answer **all** the following objective type questions by choosing the correct option.

1. Which of the following is a key component of effective communication? (CO1, K1)
  - (a) Talking more than listening
  - (b) Using complex vocabulary
  - (c) Active listening
  - (d) Interrupting to make your point
  
2. Which of the following is a healthy way to cope with stress? (CO1, K1)
  - (a) Ignoring the problem
  - (b) Engaging in physical activity
  - (c) Overeating
  - (d) Excessive use of social media

3. What is one of the most important qualities of a good leader? (CO2, K1)
- (a) Authoritarianism
  - (b) Inflexibility
  - (c) Empathy
  - (d) Isolation
4. Which leadership style involves including team members in decision-making processes? (CO2, K1)
- (a) Autocratic
  - (b) Democratic
  - (c) Laissez-faire
  - (d) Transactional
5. What is a key characteristic of creative thinking? (CO3, K2)
- (a) Following established rules strictly
  - (b) Generating novel and original ideas
  - (c) Relying solely on logical reasoning
  - (d) Avoiding risks and uncertainty
6. What role does questioning play in critical thinking? (CO3, K1)
- (a) It is unnecessary and time-consuming
  - (b) It helps to clarify and challenge assumptions
  - (c) It shows a lack of knowledge
  - (d) It is only useful in academic settings

7. Which habit is essential for effective personal development? (CO4, K2)
- (a) Procrastination
  - (b) Relying on others to define your goals
  - (c) Avoiding challenges and staying within your comfort zone
  - (d) Setting aside time for regular self-assessment and goal setting
8. Which of the following best describes emotional intelligence? (CO4, K1)
- (a) The ability to suppress emotions completely
  - (b) The skill of manipulating others' emotions
  - (c) The capacity to understand and manage your own emotions
  - (d) The tendency to react impulsively to emotional situations
9. Which dimension of advocacy involves understanding and utilizing data to support your cause? (CO5, K1)
- (a) Data and evidence-based advocacy
  - (b) Emotional appeal
  - (c) Public speaking
  - (d) Social media engagement

10. What is a fundamental component of effective advocacy?  
(CO3, K1)
- (a) Working in isolation
  - (b) Avoiding public speaking
  - (c) Ignoring feedback from others
  - (d) Strong communication skills

**Part B** (5 × 5 = 25)

Answer **all** questions not more than 500 words each.

11. (a) What are life skills? Explain its importance.  
(CO1, K1)

Or

- (b) Explain the essentials of effective communication.  
(CO1, K3)

12. (a) Discuss the different types of leadership styles.  
(CO2, K3)

Or

- (b) Mention the qualities of a good leader. (CO2, K6)

13. (a) Explain the requirements of effective communication.  
(CO3, K3)

Or

- (b) Explain verbal communication. (CO3, K3)

14. (a) Explain the needs of presentation skills. (CO4, K3)

Or

(b) Briefly explain the importance of time management. (CO4, K3)

15. (a) Explain the dimensions of advocacy. (CO5, K3)

Or

(b) Explain briefly on advocacy models. (CO5, K3)

**Part C** (5 × 8 = 40)

Answer **all** questions not more than 1000 words each.

16. (a) Explain the needs and importance of interpersonal relationship. (CO1, K3)

Or

(b) Is self-awareness necessary for women? Justify. (CO1, K6)

17. (a) Explain the essential conditions for effective communication. (CO2, K3)

Or

(b) Examine the skills required to be a good leader. (CO2, K3)

18. (a) Explain the role of emotional intelligence in leadership. (CO3, K3)

Or

(b) Explain any two interpersonal skills. (CO3, K3)

19. (a) Explain the needs and importance of time management. (CO4, K4)

Or

(b) Briefly explain the stressors and how it can be managed. (CO4, K3)

20. (a) Explain the advocacy tools. (CO5, K3)

Or

(b) Write a note on advocacy groups. (CO5, K3)

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**R3807**

**Sub. Code**

**509NH2**

**M.Sc. DEGREE EXAMINATION, NOVEMBER – 2025**

**Zoology**

**NME — FOOD PROCESSING TECHNOLOGY**

**(CBCS – 2022 onwards)**

Time : 3 Hours

Maximum : 75 Marks

**Part A**

(10 × 1 = 10)

Answer **all** the following objective type questions by choosing the correct option.

1. The aim of pasteurization milk is to \_\_\_\_\_ (CO1, K2)
  - (a) Remove the moisture content
  - (b) Kill disease producing organisms
  - (c) Separate butterfat
  - (d) All the above
2. Temperature used in ultrahigh temperature milk processing is (CO1, K1)
  - (a) 90 – 100°C
  - (b) 100 – 120°C
  - (c) 120 – 125°C
  - (d) 130 – 140°C
3. What is the use of chilling process in the poultry process (CO2, K1)
  - (a) Retard bacterial growth
  - (b) Decrease color stability
  - (c) Improve taste
  - (d) Improve flavor

4. Fruit and milk are preserved at room temperature by the process of (CO2, K2)
- (a) Pasteurization (b) Freezing  
(c) Dehydration (d) Vernalisation
5. Salting and dehydration of fish is done for (CO3, K2)
- (a) Preservation (b) Cleaning  
(c) Disinfection (d) None of these
6. \_\_\_\_\_ food processing is the conversion of carbohydrates to alcohols and carbon dioxide or organic acids using yeasts, bacteria, or a combination thereof, under anaerobic conditions (CO4, K2)
- (a) Fermentation (b) Drying  
(c) Salting (d) Smoking
7. What is the purpose of blanching in fruit and vegetable processing? (CO4, K3)
- (a) Enhance flavor  
(b) Inactivate enzymes  
(c) Increase vitamin content  
(d) Improve texture
8. Which gas is commonly used in controlled atmosphere storage of fruits and vegetables? (CO4, K2)
- (a) Carbon dioxide (b) Nitrogen  
(c) Hydrogen (d) Oxygen

9. Sulphur dioxide cannot be used to preserve naturally colored juices because of its (CO5, K3)
- (a) Characteristics flavor
  - (b) Characteristics aroma
  - (c) Liberation of CO<sub>2</sub>
  - (d) Bleaching action
10. The two factors determining food security in India (CO5, K2)
- (a) Green revolution and reduced wastage of food
  - (b) Production of sufficient food and nutritional value of food
  - (c) Availability of food and access to money
  - (d) Sustainable agriculture and minimal use of agrochemicals

**Part B**

(5 × 5 = 25)

Answer **all** questions not more than 500 words each.

11. (a) Discuss about the drying and dehydration process involved in milk processing. (CO1, K3)

Or

- (b) Write short note on dairy equipment disinfection method. (CO1, K2)

12. (a) Briefly discuss about the national status of meat processing. (CO2, K2)

Or

- (b) Write short note on the important steps involved in meat processing. (CO2, K2)

13. (a) Discuss about the drying method involved in seafood processing. (CO3, K2)

Or

- (b) Explain briefly about seafood preservation techniques followed in India. (CO3, K3)

14. (a) Discuss about the fruit collection and pre-processing methods. (CO4, K4)

Or

- (b) Explain about method of fruit and vegetable storage. (CO4, K3)

15. (a) Write a brief account on different types of milk products. (CO5, K3)

Or

- (b) Give a brief account on History of food regulation. (CO5, K3)

**Part C**

(5 × 8 = 40)

Answer **all** questions not more than 1000 words each.

16. (a) Discuss about the methods involved in the milk processing. (CO1, K5)

Or

- (b) Write about types of pasteurization and their advantages and disadvantages. (CO1, K2)
17. (a) Give an account on nutritional standard of poultry products. (CO2, K3)

Or

- (b) Write a note on current meat production and consumption status in India. (CO2, K3)
18. (a) Write about the different methods involved in the seafood preservation. (CO3, K4)

Or

- (b) Explain the different methods involved in seafood processing. (CO3, K4)
19. (a) Discuss about the National and international status of fruits and vegetable processing. (CO4, K3)

Or

- (b) Explain how the quality and shelf life of fruits and vegetables can be extended through innovative packaging and storage techniques. (CO4, K3)

20. (a) Write an essay about food adulteration act and its importance. (CO5, K5)

Or

- (b) Write a note about the principles of HACCP with the flowchart. (CO5, K3)
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**R3808**

**Sub. Code**

**515NM2**

**M.A. DEGREE EXAMINATION, NOVEMBER – 2025**

**Journalism and Mass Communication**

**NME – FUNDAMENTALS OF AUDIO AND VIDEO  
PRODUCTION**

**(CBCS – 2022 onwards)**

Time : 3 Hours

Maximum : 75 Marks

**Part A**

(10 × 1 = 10)

Answer **all** the following objective questions by choosing the correct answer.

1. Multi-track recording allows an audio producer to record multiple \_\_\_\_\_ simultaneously and mix them later.  
(CO1, K2)
  - (a) Instruments
  - (b) Vocals
  - (c) Effects
  - (d) Tracks
  
2. What is UPTRS primarily used for in audio production?  
(CO1, K2)
  - (a) Audio mixing
  - (b) Audio playback
  - (c) Audio storage and retrieval
  - (d) Audio transmission
  
3. Which of the following programs is specifically designed for young listeners?  
(CO2, K4)
  - (a) Radio Play
  - (b) Music Program
  - (c) Program for Youth
  - (d) Radio Documentary

4. Programs designed for \_\_\_\_\_ typically include health advice, motivational talks and social issues relevant to their demographic. (CO2, K4)
- (a) Senior citizens      (b) Children  
(c) Defense personnel   (d) Industrial workers
5. For outdoor productions, who typically handles the logistics and coordination of the crew and equipment? (CO3, K5)
- (a) Art Director          (b) Location Manager  
(c) Cameraman            (d) Producer
6. Which role is primarily responsible for overseeing the entire production, from concept to final output? (CO3, K5)
- (a) Cameraman          (b) Production Assistant  
(c) Producer              (d) Set Designer
7. What is the primary difference between a documentary and a short film? (CO4, K1)
- (a) Documentaries are scripted, while short films are not  
(b) Documentaries aim to inform or document reality, while short films are fictional narratives  
(c) Short films use more equipment than documentaries  
(d) Documentaries are always shot in one location, while short films are not
8. The process of adjusting and aligning multiple audio tracks in a production is known as \_\_\_\_\_. (CO4, K1)
- (a) Mixing                  (b) Editing  
(c) Cutting                  (d) Scoring

9. Which method of delivery is most effective for engaging a diverse audience in an educational production? (CO5, K6)
- (a) Lecture format      (b) Interactive discussion  
(c) Monologue          (d) Demonstration
10. When adding a voice-over to an educational production, what should be the primary consideration? (CO5, K6)
- (a) The length of the voice-over  
(b) The clarity and relevance to the content  
(c) The background music used  
(d) The type of camera equipment used

**Part B**

(5 × 5 = 25)

Answer **all** questions not more than 500 words each.

11. (a) Outline the process of conducting a location survey for an outdoor video production, highlighting the key elements that need to be assessed. (CO3, K5)

Or

- (b) Identify and describe the basic functions of recording and editing console. (CO1, K2)
12. (a) What are the benefits of using a shotgun microphone in documentary filmmaking? (CO2, K4)

Or

- (b) Describe the steps involved in integrating a musical score into a video production. How does the choice of music affect the final product? (CO4, K4)

13. (a) Describe the key differences between dynamic and condenser microphones. (CO1, K2)

Or

- (b) Discuss the role of composition and framing in creating effective visual storytelling. How can these elements influence the audience's perception of a scene? (CO4, K4)

14. (a) Explain how a set designer collaborates with other members of the production crew to create an effective studio set. (CO3, K5)

Or

- (b) Explain the importance of editing in the post-production phase of educational content. How does editing enhance the clarity and effectiveness of the educational message? (CO5, K6)

15. (a) Describe the proper techniques for setting up and using a mixing console. (CO2, K4)

Or

- (b) Describe the methods of delivery used in educational productions. How do these methods impact audience engagement and comprehension? (CO5, K6)

**Part C**

(5 × 8 = 40)

Answer **all** questions not more than 1000 words each.

16. (a) Identify and describe the steps you would take to prepare an audio production for a children's program. (CO2, K4)

Or

- (b) Describe the primary differences between linear and non-linear editing systems. Provide examples of when each type might be used in video production. (CO4, K4)

17. (a) Define what is meant by “high fidelity” in audio systems. Describe the key features that distinguish high fidelity systems from standard audio systems. (CO1, K2)

Or

- (b) Outline the different types of crew members involved in an outdoor video production. How do their roles differ from those of a studio-based production crew? (CO3, K5)

18. (a) Discuss the role of rehearsal in the production process. How does effective rehearsal contribute to the quality of an educational production? (CO5, K6)

Or

- (b) Explain the roles and responsibilities of a producer in a video production team. How does the producer contribute to both studio and outdoor shows? (CO3, K5)

19. (a) Describe the basic principles of acoustics and explain how these principles affect sound quality in audio production. (CO1, K2)

Or

- (b) Explain the role of composition and framing in creating effective shots. How do techniques like the rule of thirds and leading lines contribute to the overall impact of a video? (CO4, K4)

20. (a) Identify and describe the various stages of production in an educational project. How do these stages interrelate to ensure a cohesive final product? (CO5, K6)

Or

- (b) Explain how you would adapt the production process for a program aimed at senior citizens compared to one for youth. (CO2, K4)
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**R3809**

**Sub. Code**

**24MHR3N1**

**M.A. DEGREE EXAMINATION, NOVEMBER – 2025**

**Human Resource Development**

**NME : LEADERSHIP DEVELOPMENT**

**(CBCS – 2024 onwards)**

Time : 3 Hours

Maximum : 75 Marks

**Part A**

(10 × 1 = 10)

Answer **all** the following objective type questions by choosing the correct option.

1. Who is primarily responsible for maintaining stability and executing existing systems within an organization?  
(CO1, K2)
  - (a) Leader
  - (b) Manager
  - (c) Transformational Leader
  - (d) Visionary
  
2. Which type of power is derived from an individual's position and title in the organizational hierarchy?  
(CO1, K2)
  - (a) Referent Power
  - (b) Expert Power
  - (c) Legitimate Power
  - (d) Reward Power

3. The Ohio State Studies identified two primary dimensions of leader behavior. What are they? (CO2, K2)
- (a) Initiating Structure and Consideration
  - (b) Task-Oriented and Relationship-Oriented
  - (c) Job-Centered and Employee-Centered
  - (d) Authoritarian and Democratic
4. According to Fiedler's Contingency Model, what is the key to leadership effectiveness? (CO2, K2)
- (a) Changing your leadership style to suit the situation
  - (b) Matching a leader's style (LPC) to the degree of situational control
  - (c) Involving subordinates in all decision-making processes
  - (d) Focusing exclusively on task completion
5. According to Kurt Lewin's Change Management Model, what is the first stage of implementing change? (CO3, K3)
- (a) Refreezing
  - (b) Changing
  - (c) Unfreezing
  - (d) Transitioning
6. Which of the following is an example of an internal force for change in an organization? (CO3, K3)
- (a) New government regulations
  - (b) A shift in market trends
  - (c) A new competitor entering the market
  - (d) Low employee morale

7. Organizational Development (OD) is primarily focused on: (CO4, K2)
- (a) Implementing new financial software
  - (b) Improving organizational effectiveness through planned change
  - (c) Conducting market analysis for new products
  - (d) Drafting legal contracts for mergers
8. Which of the following is a characteristic of successful organizational Transformation? (CO4, K2)
- (a) It is a slow, incremental process with minimal disruption
  - (b) It requires a fundamental change in the core character of the organization
  - (c) It is primarily managed by the finance department
  - (d) It focuses solely on updating technology
9. Which of the following is a key driver for the emergence of new OD approaches? (CO5, K5)
- (a) A decline in global communication
  - (b) Stabilization of technological advancements
  - (c) Increasing pace of globalization and digitalization
  - (d) A return to rigid, hierarchical organizational structures
10. Appreciative Inquiry (AI) as an OD technique primarily focuses on: (CO5, K5)
- (a) Identifying and eliminating all employee weaknesses
  - (b) A problem-centric deficit model of change
  - (c) Analyzing the root causes of past failures
  - (d) Amplifying what is already working well in an organization

**Part B**

(5 × 5 = 25)

Answer **all** questions not more than 500 words each.

11. (a) Explain the key differences between Transformational and Transactional leadership styles with suitable examples. (CO1, K2)

Or

- (b) Elaborate on the concept of 'Referent Power' as a source of a leaders influence. How is it different from 'Coercive Power'? (CO1, K2)

12. (a) Explain the two dimensions of leader behavior identified by the University of Michigan Studies. How do they conceptually relate to the findings of the Ohio State Studies? (CO2, K2)

Or

- (b) Elaborate on the 'Delegating style in the Hersey-Blanchard Situational Leadership Model. Specify the leadership style and the corresponding development level of followers for which it is appropriate. (CO2, K2)

13. (a) Explain Kurt Lewin's Three-Step Change Management Model with a suitable example. (CO3, K3)

Or

- (b) Elaborate on any three common reasons for resistance to change within an organization. (CO3, K3)

14. (a) Explain the key characteristics that define the concept of Organizational Development (OD) (CO4, K2)

Or

- (b) Elaborate on any three common strategies used to achieve organizational transformation (CO4, K2)
15. (a) Explain the 4-D cycle of appreciative inquiry (AI) as an emerging OD technique. (CO5, K5)

Or

- (b) Elaborate on how the technique of Large Group Intervention (LGI) differs from traditional OD intervention methods. (CO5, K5)

**Part C**

(5 × 8 = 40)

Answer **all** questions not more than 1000 words each.

16. (a) Discuss the statement: ‘Leaders are not always managers, and managers are not always leaders.’ (CO1, K2)

Or

- (b) Analyze the challenges and unique strengths that women often bring to leadership roles. Give an example. (CO1, K2)
17. (a) Analyze how Fiedler’s Leadership Contingency Model and the Vroom-Yetton-Jago Normative Model differ in their approach to matching leadership style with the situation. (CO2, K2)

Or

- (b) Express your view on its practical utility for a manager seeking to improve their effectiveness, considering both its strengths and a major limitation. (CO2, K2)

18. (a) Discuss the scope and nature of Change Management. Analyze its critical role in the modern, dynamic business environment. (CO3, K3)

Or

- (b) Analyze the differences between a proactive and a reactive approach to managing change. Which approach is more sustainable for long-term organizational success, and why? (CO3, K3)
19. (a) Discuss the typical steps in the Organizational Development (OD) process. Analyze the critical role of the 'Diagnosis phase and its impact on the success of the entire intervention. (CO4, K2)

Or

- (b) Analyze a scenario where an organization might need a transformational strategy over traditional OD interventions. (CO4, K2)
20. (a) Critically analyze this statement with reference to approaches like AI (Appreciative Inquiry) and LGI (Large Group Intervention). (CO5, K5)

Or

- (b) Discuss the role of digital and virtual tools as emerging enablers in OD practices. Analyze both the opportunities they present and the critical challenges a change agent must overcome to use them effectively. (CO5, K5)

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**R3810**

**Sub. Code**

**525NM2**

**M.Sc. DEGREE EXAMINATION, NOVEMBER – 2025**

**Botany**

**NME — COMMERCIAL GARDENING AND  
HORTICULTURE**

**(CBCS – 2022 onwards)**

Time : 3 Hours

Maximum : 75 Marks

**Part A**

(10 × 1 = 10)

Answer **all** the following objective type questions by choosing the correct option.

1. Which is the suitable stage of green manure crop for incorporation in field (CO1, K1)
  - (a) Pre flowering stage
  - (b) Post flowering stage
  - (c) Initial stage
  - (d) Mature stage
  
2. Excessive soil moisture, late in the season cause (CO1, K2)
  - (a) Decrease in TSS decrease in dry matter
  - (b) Increase in TSS decrease in dry matter
  - (c) Decrease in TSS increase in dry matter
  - (d) None of the above

3. Propagation of plants by very small plant parts/tissues, grow in a test tube or container under controlled environmental condition called \_\_\_\_\_ (CO2, K2)
- (a) Embryogenesis      (b) Micropropagation  
(c) Offset planting      (d) Organogenesis
4. Allowing the field to remain vacant for one full season called \_\_\_\_\_ (CO3, K2)
- (a) Crop rotation      (b) Multiple rotation  
(c) Field fellow      (d) Monoculture
5. The removal of any excess or undesirable/unproductive branches shoot or any other parts of plant \_\_\_\_\_ (CO3, K2)
- (a) Training      (b) Trimming  
(c) Paragola      (d) Pruning
6. Where does Bonsai originate from? \_\_\_\_\_ (CO3, K3)
- (a) China      (b) Japan  
(c) Europe      (d) India
7. The method of asexual reproduction in plants in which callus is produced? \_\_\_\_\_ (CO4, K2)
- (a) Regeneration      (b) Micro propagation  
(c) Fragmentation      (d) Vegetative propagation
8. Standard petal of a papilionaceous corolla is known as \_\_\_\_\_ (CO4, K1)
- (a) Carina      (b) Corona  
(c) Vexillum      (d) Pappus
9. Which of the following minerals is a constituent of cell membranes and nucleic acids? \_\_\_\_\_ (CO5, K3)
- (a) Zinc      (b) Potassium  
(c) Phosphorous      (d) Manganese
10. The following states lead in sunflower cultivation? \_\_\_\_\_ (CO5, K2)
- (a) Uttar Pradesh      (b) Karnataka  
(c) Rajasthan      (d) Punjab

**Part B**

(5 × 5 = 25)

Answer **all** the questions not more than 500 words each.

11. (a) Write short note on importance of Horticulture.  
(CO1, K1)

Or

- (b) Brief notes on (i) Pruning (ii) Training. (CO1, K2)

12. (a) Write short notes on cutting (i) Root (ii) Stem.  
(CO2, K2)

Or

- (b) Difference between ground and air layering.  
(CO2, K1)

13. (a) What advantages and disadvantages of water gardens and rock gardens?  
(CO3, K2)

Or

- (b) Brief explain-Bonsai and hanging pots. (CO3, K1)

14. (a) What are the methods involved in different methods of flowering arrangement.  
(CO4, K4)

Or

- (b) Explain dry flower preparation techniques.  
(CO4, K6)

15. (a) Preparation and processing of making product jam and jelly.  
(CO5, K2)

Or

- (b) Discuss about the horticultural crops and given two examples.  
(CO5, K6)

**Part C**

(5 × 8 = 40)

Answer **all** the questions not more than 1000 words each.

16. (a) Classification of horticulture crops. (CO1, K4)

Or

- (b) Commercial nursery and factors should be prioritized when setting up such as facility. (CO1, K3)

17. (a) Brief explain about the propagation techniques any two types. (CO2, K2)

Or

- (b) What is grafting and what are the advantages and limitations associated with this techniques in plant propagation and cultivation? (CO2, K2)

18. (a) Discuss-hedges-edges and lawn. (CO3, K2)

Or

- (b) Discuss about terrace garden and kitchen garden. (CO3, K1)

19. (a) What is Kado flower arrangements and aesthetic principles an Japanese culture? (CO4, K4)

Or

- (b) What are the key techniques involved in preparing and arranging dry flowers? (CO4, K2)

20. (a) Preparation and processing of jam and squash and their steps. (CO5, K4)

Or

- (b) What are the steps involved in preparation of tomato ketchup and citrus pickles? – Justify. (CO5, K4)

**R3811**

**Sub. Code**

**536NM2**

**M.Sc. DEGREE EXAMINATION, NOVEMBER – 2025**

**Chemistry**

**NME: BASICS IN ENVIRONMENTAL SCIENCE**

**(CBCS – 2022 onwards)**

Time : 3 Hours

Maximum : 75 Marks

**Part A**

(10 × 1 = 10)

Answer **all** the questions  
by choosing the correct option.

1. Which of the following is called the secondary air pollutant? (CO1, K1)  
(a) Carbon dioxide (b) Ozone  
(c) Carbon monoxide (d) Nitrogen Dioxide
2. The major photochemical smog is \_\_\_\_\_. (CO1, K1)  
(a) Hydrogen peroxide  
(b) Sulphur dioxide  
(c) Peroxyacetyl nitrate  
(d) Chlorofluorocarbon
3. Which of the following is an extremely potent pollutant? (CO2, K2)  
(a) Wastewater (b) Pesticide  
(c) Nuclear waste (d) Electronic waste
4. What is the health effects of excess fluoride in drinking water? (CO2, K2)  
(a) Fluorosis (b) Toothaches  
(c) Lung disease (d) Intestinal infection

5. \_\_\_\_\_ tend to resist conventional methods of wastewater treatment. (CO3, K4)
- (a) Suspended solids
  - (b) Nutrients
  - (c) Refractory organics
  - (d) Priority pollutants
6. Which process is a common method used in secondary treatment to break down organic matter? (CO3, K4)
- (a) Screening
  - (b) Coagulation
  - (c) Biological oxidation
  - (d) Chlorination
7. Which of the following is a green solvent used for bleaching clothes? (CO4, K4)
- (a) Hydrogen peroxide
  - (b) Tetrachloroethene
  - (c) Benzene
  - (d) Toluene
8. Which of the following is not a chemical-related health hazard? (CO4, K4)
- (a) Carcinogenicity
  - (b) Reactivity
  - (c) Corrosivity
  - (d) Toxicity
9. Which among the following is a major raw material of paper manufacturing in India? (CO5, K3)
- (a) Soft wood
  - (b) Hard wood
  - (c) Bamboo
  - (d) Rice husk

10. The decomposition of silver chloride ( $\text{AgCl}$ ) in the presence of light is an example of which type of photochemical reaction? (CO5, K3)
- (a) Photochemical synthesis
  - (b) Photochemical decomposition
  - (c) Photooxidation
  - (d) Photosensitization

**Part B**

(5 × 5 = 25)

Answer **all** the questions not more than 500 words each.

11. (a) Define ecology. Write basic principles of ecology. (CO1, K1)

Or

- (b) Discuss details about causes of acid rain and photochemical smog. (CO1, K1)

12. (a) Summarize the effects of radioactive pollution in natural sources and manmade sources.. (CO2, K2)

Or

- (b) Discuss details about land pollution and pesticide pollution effects in human and animals. (CO2, K2)

13. (a) Explain primary treatment of contaminated water. (CO3, K4)

Or

- (b) Discuss chemical characteristics of sewage water. (CO3, K4)

14. (a) Explain the non-traditional “Greener” for sustainable development. (CO4, K4)

Or

- (b) Discuss in details about need of green chemistry in environment. (CO4, K4)

15. (a) Demonstrate the microwave assisted synthesis of chemicals with suitable examples. (CO5, K3)

Or

- (b) Summarize the green resources for drug development. (CO5, K3)

**Part C**

(5 × 8 = 40)

Answer **all** the questions not more than 1000 words each.

16. (a) Discuss details about various types of pollution and its effects in human and environment. (CO1, K1)

Or

- (b) Describe green house effect and green house gases in environment. (CO1, K1)

17. (a) Demonstrate the thermal pollution and how to reduce the thermal pollution in earth. (CO2, K2)

Or

- (b) Categorize the nature and types of contaminants in fertilizer and electrochemical industry. (CO2, K2)

18. (a) Explain Biological and chemical processes treatment of water. (CO3, K4)

Or

- (b) Discuss Water pollution its types of water pollution (CO3, K4)

19. (a) List out the 12 principles of green chemistry with suitable examples. (CO4, K4)

Or

- (b) Analyze the guidelines and safety methods of chemical poisoning and corrosive chemicals. (CO4, K4)

20. (a) Summarize reaction and action of the enzymes involving the manufacturing of pulp and paper. (CO5, K3)

Or

- (b) Discuss details about photochemical degradation and biochemical removal of phosphorous. (CO5, K3)



5. In MS Excel, which symbol is used to begin a formula?  
(CO3, K2)
- (a) + (b) =  
(c) \$ (d) @
6. \_\_\_\_\_ function in Excel is used to find the largest value in a range.  
(CO3, K2)
- (a) MIN() (b) MAX()  
(c) SUM() (d) LARGE()
7. In PowerPoint, which option is used to add speaker notes?  
(CO4, K1)
- (a) Normal View (b) Notes Pane  
(c) Outline View (d) Slide Sorter
8. The feature used to automatically move text from one line to the next in PowerPoint text boxes is \_\_\_\_\_.  
(CO4, K2)
- (a) Text Wrap (b) Word Wrap  
(c) Line Break (d) AutoFit
9. In MS Access, which view is used to define the structure of a table?  
(CO5, K1)
- (a) Datasheet View (b) Design View  
(c) Layout View (d) Print Preview
10. The default file extension of an MS Access database is \_\_\_\_\_.  
(CO5, K2)
- (a) .mdb / .accdb (b) .docx  
(c) .xlsx (d) .pptx

**Part B**

(5 × 5 = 25)

Answer **all** questions not more than 500 words each.

11. (a) Write short notes on My Computer and Recycle Bin.  
(CO1, K2)

Or

- (b) Explain the use of Windows Explorer in file management.  
(CO1, K1)

12. (a) Write a note on Spell Check, Find and Replace features in MS Word.  
(CO2, K2)

Or

- (b) Explain text editing options like Cut, Copy, Paste in MS Word.  
(CO2, K1)

13. (a) Write short notes on different views available in MS Excel.  
(CO3, K2)

Or

- (b) Explain the use of borders, shading and cell formatting in Excel.  
(CO3, K3)

14. (a) Write notes on Slide Sorter and Slide Show view in PowerPoint.  
(CO4, K3)

Or

- (b) Explain the steps to insert multimedia elements in PowerPoint slides.  
(CO4, K3)

15. (a) Write short notes on different objects in MS Access.  
(CO5, K2)

Or

- (b) Explain the uses of queries in Access with examples.  
(CO5, K1)

**Part C**

(5 × 8 = 40)

Answer **all** questions not more than 1000 words each.

16. (a) Discuss Windows operating system features with neat diagram of its structure. (CO1, K2)

Or

- (b) Explain file and folder navigation in Windows with examples. (CO1, K2)

17. (a) Discuss the role of tables, columns, and page formatting in MS Word. (CO2, K1)

Or

- (b) Explain in detail the Mail Merge process with example. (CO2, K3)

18. (a) Write an essay on workbook, worksheet and their features in MS Excel. (CO3, K2)

Or

- (b) Discuss in detail the types of charts and their applications in Excel. (CO3, K1)

19. (a) Write detailed notes on creating a PowerPoint presentation using design templates. (CO4, K3)

Or

- (b) Explain the use of Notes, Handouts and Printing options in PowerPoint. (CO4, K2)

20. (a) Explain database creation in MS Access with examples. (CO5, K3)

Or

- (b) Discuss in detail the creation of forms and reports in MS Access. (CO5, K4)

**R3813**

**Sub. Code**

**546NM2**

**M.Sc. DEGREE EXAMINATION, NOVEMBER – 2025**

**Information Technology**

**NME : INTERNET AND WEB DESIGN**

**(CBCS – 2022 onwards)**

Time : 3 Hours

Maximum : 75 Marks

**Part A**

(10 × 1 = 10)

Answer **all** the following objective type questions by choosing the correct option.

- Which of the following is NOT a common Email protocol  
(CO1, K2)
  - POP3
  - SMTP
  - IMAP
  - FTP
- IP address is 32 bit value which is divided into \_\_\_\_\_  
octets. (CO1, K2)
  - 2
  - 4
  - 8
  - 16
- Moving from one website to another is called  
(CO2, K2)
  - Transferring
  - Shifting
  - Browsing
  - loading
- Which of the following is not a search engine? (CO2, K3)
  - Google
  - Yahoo
  - Twitter
  - AltaVista

5. HTML tags with no content are called \_\_\_\_\_. (CO3, K2)
- (a) Special tags                      (b) Advanced tags  
(c) Empty tags                        (d) Other tags
6. tag is used to display different HTML pages in a single window (CO3, K2)
- (a) font                                (b) frameset  
(c) table                                (d) img
7. Which of the following is the correct syntax for referring the external style sheet? (CO4, K3)
- (a) <style src = example.css>  
(b) <style src = "example.css">  
(c) <stylesheet> example.css </stylesheet>  
(d) <link rel = "stylesheet" type = "text/css" href = "example.css">
8. How are custom fonts defined using CSS? (CO4, K3)
- (a) @font-face rule  
(b) Custom fonts cannot be defined  
(c) Src tags  
(d) None of the above
9. A web page is located using a \_\_\_\_\_. (CO5, K3)
- (a) Universal Record Linking  
(b) Uniform Resource Locator  
(c) Universal Record Locator  
(d) Uniformly Reachable Links
10. Dreamweaver users work in the Document Window using one of how many views? (CO5, K3)
- (a) 3                                      (b) 5  
(c) 2                                      (d) 7

**Part B**

(5 × 5 = 25)

Answer **all** questions not more than 500 words each.

11. (a) List various threats to an Internet. (CO1, K2)

Or

- (b) Write short notes on applications of Internet. (CO1, K2)

12. (a) Write short note on Evolution of WWW. (CO2, K3)

Or

- (b) Define web server. What are the different web servers? (CO2, K2)

13. (a) Write an HTML document to print your class Timetable. (CO3, K3)

Or

- (b) Explain the different list tags with example which is used in HTML. (CO3, K3)

14. (a) What is box model? Explain how to create a box with relevant Example. (CO4, K3)

Or

- (b) What is CSS? Explain different ways to write the CSS. (CO4, K3)

15. (a) Discuss about the steps for registering Domain Name. (CO5, K3)

Or

- (b) What is an Active Server Page? Explain. (CO5, K5)

**Part C**

(5 × 8 = 40)

Answer **all** questions not more than 1000 words each.

16. (a) (i) What is DNS? Explain types of domains with suitable example.
- (ii) What is the Internet? Write brief note on History of the Internet. (CO1, K2)
- Or
- (b) What is the role of Protocol? List and describe in detail different protocols. (CO1, K2)
17. (a) Write Short notes on Search Engines. What are the different categories of Search Engines? (CO2, K3)
- Or
- (b) Describe the purpose of websites. What are its classifications? (CO2, K3)
18. (a) Describe in detail different controls used to design a form in HTML. (CO3, K3)
- Or
- (b) Define Framesets, Frame tag. Write code to divide the web page into four equal parts, each individual parts display different web page. (CO3, K3)
19. (a) Explain several ways for positioning elements on the webpage. List position properties. (CO4, K5)
- Or
- (b) Discuss the text properties of CSS with suitable example. (CO4, K5)
20. (a) Describe in detail about web Publishing tool. (CO5, K5)
- Or
- (b) What you can do with JavaScript? Explain Client-side and server-sidescripting. (CO5, K5)

**R3814**

**Sub. Code**

**549NM2**

**M.A. DEGREE EXAMINATION, NOVEMBER – 2025**

**Public Administration**

**NME – INDIAN PUBLIC ADMINISTRATION FOR CIVIL SERVICES**

**(CBCS – 2022 onwards)**

Time : 3 Hours

Maximum : 75 Marks

**Part A**

(10 × 1 = 10)

Answer **all** the following objective type questions by choosing the correct option.

1. The word socialist, secular and integrity were inserted in the preamble through (CO1, K1)
  - (a) 40<sup>th</sup> constitutional amendment
  - (b) 42<sup>nd</sup> constitutional amendment
  - (c) 44<sup>th</sup> constitutional amendment
  - (d) None of the above
  
2. \_\_\_\_\_ of the Indian constitution list the fundamental duties. (CO1, K2)
  - (a) Article 31A
  - (b) Article 41A
  - (c) Article 51A
  - (d) None of the above
  
3. The supreme commander of the defence forces of the union is vested with (CO2, K1)
  - (a) Prime minister
  - (b) President
  - (c) Indian army chief
  - (d) None of the above

4. Prime minister shall be appointed by the (CO2, K2)  
(a) President  
(b) Chief justice of India  
(c) Speaker of Lok Sabha  
(d) None of the above
5. Who is the real executive of the state government? (CO3, K1)  
(a) Chief minister (b) Governor  
(c) President (d) None of the above
6. Pardoning power of the governor (CO3, K2)  
(a) Pardon (b) Reprieve  
(c) Respite (d) All the above
7. Central vigilance commission is conferred with statutory status in the year (CO4, K1)  
(a) 2003 (b) 2004  
(c) 2005 (d) 2006
8. The concept of ombudsman came from (CO4, K2)  
(a) America (b) Britain  
(c) Sweden (d) Norway
9. The Indian diaspora consists of people of Indian origin living (CO5, K1)  
(a) Inside India (b) Outside India  
(c) Moon (d) None of the above
10. Which is not member country of SAARC? (CO5, K2)  
(a) U.S.A. (b) India  
(c) Bangladesh (d) Sri-Lanka

**Part B**

(5 × 5 = 25)

Answer **all** the questions not more than 500 words each.

11. (a) List out the fundamental duties of Indian citizen. (CO1, K1)

Or

- (b) Explain the procedure for an amendment in the Indian constitution. (CO1, K2)

12. (a) 'Supreme court of India, is the guardian and interpreter of the constitution'. Demonstrate. (CO2, K3)

Or

- (b) 'Cabinet secretariat is the administrative backbone of the Indian government'. Examine. (CO2, K3)

13. (a) Illustrate the functions of state election commission. (CO3, K3)

Or

- (b) Illustrate the functions of state Human Rights Commission. (CO3, K3)

14. (a) Defend the activities of Lokayukta. (CO4, K5)

Or

- (b) Judge the functions of Lokadalat. (CO4, K5)

15. (a) Measure the success of BRICS. (CO5, K5)

Or

- (b) Assess the issues faced by Indian diaspora. (CO5, K5)

**Part C**

(5 × 8 = 40)

Answer **all** the following questions not more than 1000 words each.

16. (a) Examine the salient features of the Indian constitution. (CO1, K3)

Or

- (b) Illustrate the features of 'Directive principles of state policy'. (CO1, K3)

17. (a) Examine the powers and functions of president in India. (CO2, K3)

Or

- (b) Illustrate the responsibilities of the Prime Minister of India. (CO3, K3)

18. (a) Evaluate the functions of district administration in India. (CO4, K5)

Or

- (b) Assess the success of centre-state relations in India. (CO4, K5)

19. (a) Evaluate the functions of central vigilance commission. (CO4, K5)

Or

- (b) Evaluate the functions of Central Information Commission. (CO4, K5)

20. (a) Judge India's relation with neighbouring countries. (CO5, K5)

Or

- (b) Evaluate the relevance of SAARC in contemporary world politics. (CO5, K5)

**R3815**

**Sub. Code**

**551NM2**

**M.Sc. DEGREE EXAMINATION, NOVEMBER – 2025**

**Computer Science**

**NME – WEB DESIGNING**

**(CBCS – 2022 onwards)**

Time : 3 Hours

Maximum : 75 Marks

**Part A**

(10 × 1 = 10)

Answer **all** the following objective type questions by choosing the correct option.

1. \_\_\_\_\_ is the primary function of a search engine (CO1, K2)
  - (a) To send emails
  - (b) To find and index web pages
  - (c) To create a website
  - (d) To store files
2. \_\_\_\_\_ is the purpose of an anchor tag <a> in HTML. (CO1, K2),
  - (a) To define headings
  - (b) To create hyperlinks
  - (c) To insert images
  - (d) To display videos
3. \_\_\_\_\_ HTML tag is used to create a hyperlink (CO2, K3)
  - (a) <link>
  - (b) <a>
  - (c) <href>
  - (d) <connect>

4. \_\_\_\_\_ attribute is used to specify the source of an image in HTML. (CO2, K3)
- (a) href (b) src  
(c) alt (d) link
5. \_\_\_\_\_ type of bullet does an unordered list use by default. (CO3, K3)
- (a) Circle (b) Disc  
(c) Square (d) Dash
6. \_\_\_\_\_ attribute is used to merge multiple columns in a table (CO3, K3)
- (a) rowspan (b) colspan  
(c) merge (d) span
7. \_\_\_\_\_ tag is used to define an external style sheet in an HTML document. (CO4, K4)
- (a) <script> (b) <style>  
(c) <link> (d) <css>
8. \_\_\_\_\_ attribute is used to specify the URL of a document in a <frame>. (CO4, K4)
- (a) source (b) link  
(c) src (d) href
9. What is the purpose of the action attribute in a form? (CO5, K4)
- (a) To specify the method of form submission  
(b) To define the form's appearance  
(c) To specify where the form data should be sent  
(d) To validate the form
10. \_\_\_\_\_ form element is used to create a multi-line text input. (CO5, K4)
- (a) <input type="text">  
(b) <textarea>  
(c) <input type="textarea">  
(d) <multi-input>

**Part B**

(5 × 5 = 25)

Answer **all** questions not more than 500 words each.

11. (a) Explain the difference between static, dynamic, and active web pages. (CO1, K2)

Or

- (b) Explain the role of HTML in web development. (CO1, K2)

12. (a) What is the purpose of the <title> tag in HTML? (CO2, K3)

Or

- (b) What are heading tags in HTML, and why are they important? (CO2, K3)

13. (a) How do you create a nested list in HTML? (CO3, K3)

Or

- (b) How do you change the background color of a table cell? (CO3, K3)

14. (a) How do you link an external CSS file to an HTML document? (CO4, K4)

Or

- (b) What are frames and how are they used in HTML? (CO4, K4)

15. (a) Explain the difference between radio buttons and checkboxes. (CO5, K4)

Or

- (b) How do you create a password input field in an HTML form? (CO5, K4)

**Part C**

(5 × 8 = 40)

Answer **all** questions not more than 1000 words each.

16. (a) Describe the role of web browsers in accessing and displaying web pages. (CO1, K2)

Or

- (b) Explain the structure of an HTML document and its key components. (CO1, K2)

17. (a) What is the importance of comments in HTML, and how can they improve code readability? (CO2, K3)

Or

- (b) How do you insert an image into an HTML document, and what are the attributes of the `<img>` tag? (CO2, K3)

18. (a) Explain the structure of an ordered list and unordered list with examples. (CO3, K3)

Or

- (b) Discuss the role of the `<thead>`, `<tbody>`, and `<tfoot>` elements in table formatting. (CO3, K3)

19. (a) Describe the elements of Styles in DHTML with example. (CO4, K4)

Or

- (b) Illustrate in detail about Frameset definition with example. (CO4, K4)

20. (a) How do you create a dropdown list in an HTML form? explain. (CO5, K4)

Or

- (b) Explain the method and action attributes of HTML with examples. (CO5, K4)

**R3816**

**Sub. Code**

**558NM2**

**M.Sc. DEGREE EXAMINATION, NOVEMBER – 2025**

**Nutrition and Dietetics**

**NME – FOOD PRESERVATION**

**(CBCS – 2023 onwards)**

Time : 3 Hours

Maximum : 75 Marks

**Part A**

(10 × 1 = 10)

Answer **all** the following objective type questions by choosing the correct option.

1. It is the simplest method and prevents food spoilage by removing water (CO1, K1)  
(a) Radiation (b) Dehydration  
(c) Sterilization (d) Lyophilization
2. Which is not the natural preservative? (CO1, K1)  
(a) Vinegar  
(b) Sodium benzoate  
(c) Sodium metabisulphite  
(d) All of these
3. Clostridium botulinum cannot grow below a pH of \_\_\_\_\_ (CO2, K1)  
(a) 4.6 (b) 5.6  
(c) 3.6 (d) 2.6
4. Food spoilage is the process in which is \_\_\_\_\_ (CO2, K2)  
(a) Food deteriorates  
(b) Harmful to humans  
(c) Quality of edibility becomes reduced  
(d) All of these

5. The great advantage in freezing is that microorganisms do not grow in foods when the temperature is \_\_\_\_\_ (CO3, K1)
- (a)  $-10^{\circ}\text{C}$  or colder      (b)  $0^{\circ}\text{C}$  to  $5^{\circ}\text{C}$   
(c)  $5^{\circ}\text{C}$  to  $10^{\circ}\text{C}$       (d) above  $10^{\circ}\text{C}$
6. The lower limit of moisture content by sundrying method approximately (CO3, K1)
- (a) 15%      (b) 20%  
(c) 25%      (d) 30%
7. Following which on is called tray drier? (CO4, K2)
- (a) Bin drier      (b) Kiln driers  
(c) Cabinet drier      (d) Tunnel drier
8. Which is the best preservative for meals, fish, and vegetables? (CO4, K2)
- (a) Sugar      (b) Salt  
(c) Vinegar      (d) Lemon
9. The unit of radiation dose is called \_\_\_\_\_ (CO5, K1)
- (a) Gram      (b) Calorie  
(c) Gray      (d) Pound
10. \_\_\_\_\_ is responsible for regulating the source of radiation and dose of radiation that are used to irradiate food (CO5, K1)
- (a) The food and Drug Administration (FDA)  
(b) Food Safety and Standards Act 2006  
(c) Food Safety and Standards Authority of India (FSSAI)  
(d) HACCP

**Part B**

(5 × 5 = 25)

Answer **all** the questions not more than 500 words each.

11. (a) Describe in detailed account on selection and purchase of foods. (CO1, K3)

Or

- (b) Write a short note on the importance and safety evaluation of food additives. (CO1, K3)

12. (a) Discuss about the shelf stable foods and give examples. (CO2, K2)

Or

- (b) Give a brief note on the role of microorganisms in the spoilage of vegetables and fruits. (CO2, K2)

13. (a) What are the principles of freezing in food preservation? Brief it. (CO3, K2)

Or

- (b) Write a detail note on the pasteurization used in the preservation and control of microorganisms. (CO3, K2)

14. (a) Write a short note on concept of drying and dehydration used in the food industry. (CO4, K3)

Or

- (b) Discuss the food preservation by using osmotic pressure. (CO4, K3)

15. (a) Outline the cold sterilization mechanism of action. (CO5, K4)

Or

- (b) Discuss about the concept of cold sterilization. (CO5, K4)

**Part C**

(5 × 8 = 40)

Answer **all** the questions not more than 1000 words each.

16. (a) Give an elaborate account on the preservatives and its types. (CO1, K3)
- Or
- (b) Summarize the food laws and the quality control measures. (CO1, K3)
17. (a) Explain the classification of food based on pH. (CO2, K2)
- Or
- (b) Clarify the meat and meat products spoilage, preservation and control of microorganisms. (CO2, K2)
18. (a) Write a detail note on types of freezing used in the food preservation. (CO3, K4)
- Or
- (b) Elucidate the sterilization used in the preservation and control of microorganisms. (CO3, K4)
19. (a) Clarify the differences sun drying and dehydration in food preservation. (CO4, K5)
- Or
- (b) Explain in detail about the preservation by high concentration of salt. (CO4, K5)
20. (a) Determine the units of radiation, kinds of ionizing radiations used in food irradiation. (CO5, K3)
- Or
- (b) Explain the preparation steps of ketchup in the food industry. (CO5, K3)

**R3817**

**Sub. Code**

**611NM2**

**M.Com. DEGREE EXAMINATION, NOVEMBER – 2025**

**Commerce**

**NME : MANAGEMENT CONCEPTS**

**(CBCS – 2022 onwards)**

Time : 3 Hours

Maximum : 75 Marks

**Part A**

(10 × 1 = 10)

Answer **all** the following objective type questions by choosing the correct options.

1. Pure science principles are rigid, whereas management principles are relatively \_\_\_\_\_ (CO1, K2)
  - (a) Fixed
  - (b) Inflexible
  - (c) Flexible
  - (d) Absolute
  
2. Management is not \_\_\_\_\_ (CO1, K2)
  - (a) A pure science
  - (b) An art
  - (c) Art and science both
  - (d) An applied science

3. Which function is the base for all other management functions? (CO2, K4)
- (a) Planning
  - (b) Staffing
  - (c) Directing
  - (d) Controlling
4. Which of the following is a way to deal with decision making under uncertainty? (CO2, K4)
- (a) Simulation
  - (b) Diversification
  - (c) Acquisition of additional information
  - (d) Application of the maximin criterion
5. Organizing is the process of \_\_\_\_\_ and \_\_\_\_\_ the activities of an enterprise. (CO3, K4)
- (a) Defining and grouping
  - (b) Allocating and defining
  - (c) Establishing relationships and Grouping
  - (d) Defining and allocating
6. Which of the following statement is correct (CO3, K4)
- (a) Flow of communication is scalar in case of formal organization
  - (b) Informal organization has defined structure and form
  - (c) The Standard of behavior is based on group norms in a formal organization
  - (d) The mutual relationship are well defined in an informal organization

7. Banu was selected by a business process outsourcing [BPO] unit by virtue of being extrovert and well versed in English speaking, she also possessed good academic qualifications and aptitude for learning. However, Banu was selected only on the basis of the above skill. But the job required some other skills also. To make her the right person for the role, what steps should be carried out by the organization in order to make her a potential and efficient employee. (CO4, K4)
- (a) Training and development
  - (b) On-boarding
  - (c) Providing her access to the required course
  - (d) Both a and c
8. A process of searching for prospective employees and stimulating them to apply for jobs in an organization. (CO4, K4)
- (a) Selection
  - (b) Recruitment
  - (c) Placement
  - (d) On-boarding
9. Which of the following is not important for controlling function? (CO5, K4)
- (a) It ensures order and discipline
  - (b) It restricts coordination in action
  - (c) It helps in judging the accuracy of standards
  - (d) It improves employee motivation

10. Which of the following statements does not highlight the relationship between planning and controlling?

(CO5, K4)

- (a) Planning and controlling are separable twins of management
- (b) Planning without controlling is meaningless ; controlling without planning is blind.
- (c) Planning is prescriptive, controlling is evaluative.
- (d) Planning and controlling are interrelated and interdependent.

**Part B**

(5 × 5 = 25)

Answer **all** questions not more than 500 words each.

11. (a) Define the scope of management. (CO1, K2)

Or

(b) What are the main features of the classical approach? (CO1, K2)

12. (a) Explain the concept of procedures and methods. (CO2, K4)

Or

(b) What are the characteristics of a good plan? (CO2, K4)

13. (a) What are the elements of delegation? (CO3, K4)

Or

(b) Enumerate the importance of organization. (CO3, K4)

14. (a) List the importance of staffing. (CO4, K4)

Or

(b) What are the steps taken in the selection process? (CO4, K4)

15. (a) List the factors that emphasise on the need for coordination. (CO5, K4)

Or

(b) Write the key factors for successful benchmarking. (CO5, K4)

**Part C** (5 × 8 = 40)

Answer **all** questions not more than 1000 words each.

16. (a) List the principles of management laid down by Henry Fayol. (CO1, K2)

Or

(b) Discuss the importance of management. (CO1, K2)

17. (a) Write the steps in the Rational decision making process. (CO2, K4)

Or

(b) Discuss decision-making process under conditions of certainty and uncertainty. (CO2, K4)

18. (a) Discuss the guidelines of effective organization. (CO3, K4)

Or

- (b) Discuss about departmentation categories.(CO3, K4)
19. (a) Herzberg disagrees with Maslow to the extent that while Maslow believes that the first three level needs, such as physiological, safety and social needs, are motivators, Herzberg believes these to be hygiene factors and not motivators. Which view do you agree with and why? (CO4, K4)

Or

- (b) Differentiate between Transactional and Transformational leadership. (CO4, K4)
20. (a) Discuss the traditional techniques of managerial control. (CO5, K4)

Or

- (b) Enumerate the principles governing the TQM system. (CO4, K4)
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**R3818**

**Sub. Code**

**622NM2**

**M.B.A. DEGREE EXAMINATION, NOVEMBER – 2025**

**Corporate Secretaryship**

**NME : BUSINESS ETHICS**

**(CBCS – 2022 onwards)**

Time : 3 Hours

Maximum : 75 Marks

**Part A**

(10 × 1 = 10)

Answer **all** the following objective type questions by choosing the correct option.

1. The primary benefits of implementing business ethics in an organization is (CO1, K1)
  - (a) Maximizing short-term profits
  - (b) Enhancing the company's reputation
  - (c) Reducing the need for employee training
  - (d) Simplifying decision-making processes
  
2. Which of the following is referred as perspective ethics? (CO1, K1)
  - (a) Positive ethics
  - (b) Normative ethics
  - (c) Transitional ethics
  - (d) Applied ethics

3. The ethical theory that focuses on the consequences of actions to determine right from wrong is (CO2, K1)
  - (a) Deontology
  - (b) Teleology
  - (c) Virtue Ethics
  - (d) Cognitive Moral Development
  
4. The ethical theory that emphasizes duty and rules in decision-making is (CO2, K1)
  - (a) Deontology
  - (b) Teleology
  - (c) Virtue Ethics
  - (d) Cognitive Moral Development
  
5. The impact of company activities on the environment and resource sustainability is examined through (CO3, K1)
  - (a) Consumer privacy
  - (b) Advertising ethics
  - (c) The Dimensions of Pollution and Resource Depletion
  - (d) The Role of Corporate Culture
  
6. The dimension of pollution and resource includes (CO3, K1)
  - (a) Employee Right
  - (b) Teleology
  - (c) Social Costs Views
  - (d) Philanthropic Issues

7. Which of the following is NOT mentioned as a type of job discrimination? (CO4, K1)
- (a) Gender Issues
  - (b) Utility, Rights and Justice
  - (c) Age Discrimination
  - (d) Job Discrimination
8. The need for an Organizational Ethics Program includes (CO4, K1)
- (a) Creating a new business strategy
  - (b) Improving job performance
  - (c) Establishing a Code of Conduct
  - (d) Increasing employee wages
9. The ethical issue addressed around the globe is (CO5, K1)
- (a) Economic Issues
  - (b) Environmental Conservation
  - (c) Legal Issues
  - (d) Cross Religious and Cross Racial Issues
10. The concept of ‘Ethical Perception’ in international business discussed is primarily focused on (CO5, K1)
- (a) Internal organizational ethics
  - (b) Economic and competitive issues
  - (c) International standards and value
  - (d) Job discrimination and employee rights

**Part B**

(5 × 5 = 25)

Answer **all** questions not more than 500 words each.

11. (a) Describe the significance of business ethics. (CO1 ,K2)

Or

- (b) Interpret the economic issues in business organization. (CO1, K2)

12. (a) Explain the concept of Moral Reasoning. (CO2, K4)

Or

- (b) State the significance of interpersonal relationship in an organization. (CO2, K4)

13. (a) Discuss the dimensions of pollution and resource depletion in business. (CO3, K4)

Or

- (b) Write a note on the role of control in ethical conduct. (CO3, K4)

14. (a) Explain the nature of job discrimination. (CO4, K2)

Or

- (b) List out the rights of an employee in business organization. (CO4, K2)

15. (a) Write a note on the global values in business. (CO5, K5)

Or

- (b) Interpret the measures to overcome cross-cultural issues in international business. (CO5, K5)

**Part C**

(5 × 8 = 40)

Answer **all** questions not more than 1000 words each.

16. (a) Summarize the history of development of business ethics. (CO1, K2)

Or

- (b) Report the ethical issues in business with respect to legal aspects. (CO1, K2)

17. (a) Interpret the theory of Teleology with suitable example. (CO2, K4)

Or

- (b) Elaborate the types of organizational conflict. (CO2, K4)

18. (a) Enumerate the significance of consumer protection in terms of business organization. (CO3, K4)

Or

- (b) Report the duties of a manufacturer with respect to Due care theory. (CO3, K4)

19. (a) Explain how the organization can enforce and monitor ethical principles in business. (CO4, K2)

Or

- (b) Discuss the need for organizational ethics program. (CO4, K2)

20. (a) Describe the cross-cultural issues faced in international business. (CO5, K5)

Or

(b) Discuss the various ethical issues involved in international business. (CO5, K5)

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**R3819**

**Sub. Code**

**632NM2**

**M.B.A. DEGREE EXAMINATION, NOVEMBER – 2025**

**Banking and Insurance**

**NME – BASICS OF INVESTMENT**

**(CBCS – 2022 onwards)**

Time : 3 Hours

Maximum : 75 Marks

**Part A**

(10 × 1 = 10)

Answer **all** the following objective type questions by choosing the correct option.

1. Which one of the following is not a fixed income bearing security? (CO1, K2)
  - (a) Debentures
  - (b) Bonds
  - (c) Fixed deposit
  - (d) Equity shares
  
2. The open-ended scheme of mutual fund is (CO1, K2)
  - (a) Open on a continuous basis
  - (b) Open for a particular period
  - (c) Having a fixed period of maturity
  - (d) Interest earning scheme
  
3. What is the name of the benchmark index of NSE? (CO2, K4)
  - (a) Sensex
  - (b) Nifty
  - (c) BSE 100
  - (d) BSE 200

4. What is the benefit of investing in small cap stocks? (CO2, K4)
- (a) Stable returns with low risk
  - (b) High returns with high risk
  - (c) Potential for high growth
  - (d) Low volatility
5. What is the trading platform in online trading? (CO3, K4)
- (a) Software to trade
  - (b) Website to trade
  - (c) Mobile app to trade
  - (d) All of these
6. What is the purpose of monitoring net position (CO3, K4)
- (a) To track profit and loss
  - (b) To track buy and sell values
  - (c) To track market trends
  - (d) To track trader performance
7. SIP stands for (CO4, K2)
- (a) Systematic Investment Plan
  - (b) Single Investment Portfolio
  - (c) Smart Investment Program
  - (d) Secure Investment Protection
8. Which of the following is a type of mutual fund that invests in a specific sector? (CO4, K2)
- (a) Diversified fund
  - (b) Sector fund
  - (c) Index fund
  - (d) Balanced fund

9. What factors determine insurance premium? (CO5, K5)
- (a) Age, health and occupation
  - (b) Location, vehicle and driving record
  - (c) Value of the insured asset
  - (d) All of the above
10. What is the role of insurance agent in the insurance process? (CO5, K5)
- (a) To sell policies
  - (b) To provide customer service
  - (c) To determine premiums
  - (d) All of these

**Part B**

(5 × 5 = 25)

Answer **all** the questions not more than 500 words each.

11. (a) Outline the advantages of placing money in bank deposit. (CO1, K2)
- Or
- (b) Why do investors add real estate in their portfolio? (CO1, K2)
12. (a) Distinguish between intraday and delivery trading. (CO2, K4)
- Or
- (b) Briefly explain the bull and bear market. (CO2, K4)
13. (a) Examine the importance of stop-loss entry. (CO3, K4)
- Or
- (b) State the benefits of mobile app based trading. (CO3, K4)
14. (a) What is NAV? And how is it calculated? (CO4, K2)
- Or
- (b) How to invest in mutual fund? (CO4, K2)

15. (a) Identify the need for insurance policy. (CO5, K5)
- Or
- (b) What are the difference between premium coverage and sum assured? (CO5, K5)

**Part C** (5 × 8 = 40)

Answer **all** the questions not more than 1000 words each.

16. (a) “Investment opportunities are available to the investor in many types and many combinations with each type”. Elucidate this statement. (CO1, K2)
- Or
- (b) Explain the features of post office schemes. (CO1, K2)
17. (a) Explain the procedure for open a demate and trading account. (CO2, K4)
- Or
- (b) How do blue chip shares perform during economic downturns and market volatility. (CO2, K4)
18. (a) What are the best practice for placing orders during high-volatility or fast moving markets? (CO3, K4)
- Or
- (b) Explain the best practice for beginners to gain hands on experience in trading apps. (CO3, K4)
19. (a) Describe the procedures for redeeming mutual fund units. (CO4, K2)
- Or
- (b) Explain the significance of mutual fund selection ratios in portfolio construction. (CO4, K2)
20. (a) Describe the different types of insurance. (CO5, K5)
- Or
- (b) Determine the process of insurance claims. (CO5, K5)

**R3820**

**Sub. Code**

**641NM2**

**M.B.A. (General) DEGREE EXAMINATION,  
NOVEMBER – 2025**

**Management**

**NME : MANAGEMENT OF SMALL BUSINESS**

**(CBCS – 2022 onwards)**

Time : 3 Hours

Maximum : 75 Marks

**Part A**

(10 × 1 = 10)

Answer **all** the following objective questions by choosing the correct option.

1. What is the primary characteristic that defines a small-scale enterprise (SSE)? (CO1, K2)
  - (a) High capital investment
  - (b) Limited resources and small scale of operation
  - (c) Large-scale production
  - (d) Centralized management
  
2. Which of the following is a relative advantage of small-scale enterprises over large-scale industries? (CO1, K1)
  - (a) High capital requirement
  - (b) Flexibility in production and quick decision-making
  - (c) High economies of scale
  - (d) Large market share

3. Which of the following is a primary role of development agencies for small enterprises? (CO2, K2)
- (a) Setting up multinational corporations
  - (b) Providing financial and technical support to small enterprises
  - (c) Creating monopolies in local markets
  - (d) Restricting international trade
4. Which of the following is a key environmental factor influencing the growth of small-scale enterprises (SSEs)? (CO2, K2)
- (a) Availability of raw materials
  - (b) Availability of trained labor
  - (c) Government policies and regulations
  - (d) All of the above
5. Which of the following is the first step in establishing a small-scale enterprise? (CO3, K2)
- (a) Market assessment
  - (b) Opportunity scanning
  - (c) Financing
  - (d) Ownership structure
6. Which ownership structure provides limited liability to its members? (CO3, K1)
- (a) Sole proprietorship
  - (b) Partnership
  - (c) Private Limited Company
  - (d) Cooperative society

7. Which of the following is a key issue in financial management of SSE? (CO4, K1)
- (a) Large-scale investment
  - (b) Limited access to credit
  - (c) Merger and acquisition
  - (d) Stock market listing
8. Which of the following is a major small business promotion programme in India? (CO4, K2)
- (a) MGNREGA
  - (b) PMEGP (Prime Minister's Employment Generation Programme)
  - (c) Sarva Shiksha Abhiyan
  - (d) Ayushman Bharat
9. Which of the following is a commonly used method of performance appraisal? (CO5, K1)
- (a) SWOT analysis
  - (b) 360-degree feedback
  - (c) Balance sheet analysis
  - (d) Ratio analysis
10. A unique challenge in managing family enterprises is: (CO5, K2)
- (a) Lack of government support
  - (b) Succession planning
  - (c) Absence of competition
  - (d) Unlimited access to capital

**Part B**

(5 × 5 = 25)

Answer **all** the questions not more than 500 words each.

11. (a) Discuss the relative advantages of small-scale enterprises over large-scale industries in terms of flexibility and innovation. (CO1, K2)

Or

- (b) Discuss the efforts made by the government to support the development of small-scale enterprises. How do these efforts contribute to their sustainability and growth? (CO1, K2)
12. (a) Explain the role of development agencies in supporting small-scale enterprises (SSEs). How do these agencies contribute to their growth and sustainability? (CO2, K2)

Or

- (b) Discuss the role of development agencies in promoting small-scale enterprises (SSEs). How do they assist in the overall growth of SSEs? (CO2, K2)
13. (a) Explain the importance of market assessment in Small Scale Enterprises (SSE). (CO3, K3)

Or

- (b) Describe different ownership structures suitable for small enterprises. (CO3, K4)
14. (a) What are the main financial management issues faced by small-scale enterprises? (CO4, K3)

Or

- (b) Explain the role of organizational relations in SSE. (CO4, K4)

15. (a) Explain the importance of performance appraisal in small enterprises. (CO5, K3)

Or

- (b) What are the key challenges faced in managing family enterprises? (CO5, K4)

**Part C**

(5 × 8 = 40)

Answer **all** the questions not more than 1000 words each.

16. (a) Explain the scope and importance of small-scale enterprises (SSEs) in the economy. What role do they play in fostering economic development? (CO1, K2)

Or

- (b) Evaluate the role of small-scale enterprises (SSEs) in fostering regional development and employment. What are the key challenges they face in sustaining growth in the competitive market environment? (CO1, K1)

17. (a) Discuss the influence of government policies and institutional infrastructure on the growth of small-scale enterprises (SSEs). How do these policies affect the overall business environment for small enterprises? (CO2, K3)

Or

- (b) Analyze the key environmental factors that influence the growth and sustainability of small-scale enterprises. How do these factors interact with one another to either promote or hinder business growth? (CO2, K3)

18. (a) Discuss the process of opportunity scanning and choice of enterprise. (CO3, K4)

Or

- (b) Explain the organizational framework of a small-scale enterprise. (CO3, K5)

19. (a) Discuss the major issues in operation management of small-scale enterprises. (CO4, K4)

Or

- (b) Evaluate the importance of small business promotion programmes in India. (CO4, K2)

20. (a) Discuss growth and stabilization strategies for small enterprises. (CO5, K4)

Or

- (b) Evaluate the advantages and disadvantages of family enterprises. (CO5, K3)

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**R3821**

**Sub. Code**

**645NM2**

**M.B.A. DEGREE EXAMINATION, NOVEMBER – 2025**

**Tourism Management**

**NME : HOSPITALITY AND HOTEL MANAGEMENT**

**(CBCS – 2022 onwards)**

Time : 3 Hours

Maximum : 75 Marks

**Part A**

(10 × 1 = 10)

Answer **all** the following objective type questions by choosing the correct option.

1. \_\_\_\_\_ receives orders to deliver food and beverages to the guests rooms. (CO1, K2)  
(a) Housekeeping (b) Front office  
(c) Room service (d) Food a Beverage
2. \_\_\_\_\_ is a record of financial transactions taking place between a guest and the hotel? (CO1, K2)  
(a) Folio (b) Ledgers  
(c) Guest accounts (d) Vouchers
3. \_\_\_\_\_ are the things expected from good front office associate (CO2, K4)  
(a) knowledge of organizational procedures  
(b) convincing guest to stay in hotel  
(c) both (a) and (b)  
(d) none of the above
4. When was the first hotel established in India? (CO2, K4)  
(a) 1903 (b) 1803  
(c) 1947 (d) 1957

5. The meaning of “cabana” is \_\_\_\_\_ (CO3, K4)
- (a) A room type mainly designed for disabled guests
  - (b) A room is always adjoining to the swimming pool or have a private pool attached to the room
  - (c) A room that is fitted with sofa bed
  - (d) A room that can accommodate two persons with two twin beds
6. HRACC stands for \_\_\_\_\_ (CO3, K4)
- (a) Hostel and reservation association classification counter
  - (b) Hotel and reservation association classification counter
  - (c) Hotel and restaurant association classification committee
  - (d) Hotel and restaurant approval classification committee
7. A good front office associate (FOA) will understand \_\_\_\_\_ (CO4, K2)
- (a) Company's targets
  - (b) Importance of punctuality
  - (c) Work output requirements
  - (d) All of the above
8. \_\_\_\_\_ are types of hotels are small and usually have the owner linking on the premises (CO4, K2)
- (a) Bed and Breakfast
  - (b) Commercial hotel
  - (c) Airport hotel
  - (d) Conference centre
9. \_\_\_\_\_ is a department normally responsible for servicing rooms. (CO5, K5)
- (a) Reception
  - (b) Housekeeping
  - (c) Portorage
  - (d) Maintenance

10. Total room sales divided by the number of rooms sold represents \_\_\_\_\_ (CO5, K5)
- (a) Rack rate
  - (b) Average daily rate
  - (c) Room occupancy ratio
  - (d) All of the above

**Part B**

(5 × 5 = 25)

Answer **all** the questions not more than 500 words each.

11. (a) Outline the distinctive characteristics of hospitality industry. (CO1, K2)
- Or
- (b) Explain E-hospitality. (CO1, K2)
12. (a) Analyse food services for flight catering. (CO2, K4)
- Or
- (b) List the various methods of payment for the types of services offered in a hotel. (CO3, K4)
13. (a) Examine the hierarchy of a front office department. (CO3, K4)
- Or
- (b) List the various methods of payment for the types of services offered in a hotel. (CO3, K4)
14. (a) Describe handling FIT and GIT. (CO4, K2)
- Or
- (b) Discuss handling of guest complaints in a hotel. (CO4, K2)
15. (a) Evaluate occupancy ratio as a method of measuring hotel performance. (CO5, K5)
- Or
- (b) Determine the significance of yield management in hotel industry. (CO5, K5)

**Part C**

(5 × 8 = 40)

Answer **all** the questions not more than 1000 words each.

16. (a) Show how hotels are classified based on location and ownership. (CO1, K2)

Or

- (b) Discuss the importance of front office department in a hotel. (CO1, K2)

17. (a) Illustrate with a chart the organization structure of food and beverage department. (CO2, K2)

Or

- (b) Describe the functions of an engineering and maintenance department in a hotel. (CO2, K2)

18. (a) Analyse the duties and responsibilities of a front office manager. (CO3, K4)

Or

- (b) Categories the types of rooms in a five star hotel. (CO3, K4)

19. (a) Explain the various guest services in a hotel. (CO4, K2)

Or

- (b) Describe the importance of housekeeping department in a hotel. (CO4, K2)

20. (a) Estimate the need for measuring yield in hotel industry. (CO5, K5)

Or

- (b) Explain the various problems faced in yield management. (CO5, K5)

**R3822**

**Sub. Code**

**646NM2**

**M.B.A. DEGREE EXAMINATION, NOVEMBER – 2025**

**Disaster Management**

**NME – CLIMATE CHANGE AND SOCIETY**

**(CBCS – 2022 onwards)**

Time : 3 Hours

Maximum : 75 Marks

**Part A**

(10 × 1 = 10)

Answer **all** the following objective type questions by choosing the correct option.

1. Vulnerability to climate change is best described as: (CO1, K2)
  - (a) The ability to withstand climate impacts without adaptation
  - (b) The efforts made to reduce carbon footprints
  - (c) The degree to which a system is susceptible to, and unable to cope with, adverse effects of climate change
  - (d) The economic cost associated with climate change mitigation
  
2. Adaptation to climate change refers to: (CO1, K2)
  - (a) Efforts to reduce greenhouse gas emissions
  - (b) Developing new technologies for renewable energy
  - (c) Planting more trees to absorb carbon dioxide
  - (d) Adjusting lifestyles and infrastructure to minimize the impact of climate change

3. What is the primary goal of climate change adaptation? (CO2, K2)
- (a) To halt all industrial activities
  - (b) To reduce greenhouse gas emissions
  - (c) To adjust to current and expected future climate
  - (d) To increase fossil fuel use
4. Which sector is often targeted for both mitigation and health co-benefits? (CO2, K2)
- (a) Agriculture
  - (b) Transportation
  - (c) Information Technology
  - (d) Textile
5. Which of the following is an essential step in planning for the delivery of relief during a disaster? (CO3, K2)
- (a) Ignoring local infrastructure
  - (b) Conducting a needs assessment
  - (c) Focusing solely on long-term development
  - (d) Reducing international aid
6. Which sector is directly impacted by climate change, necessitating adaptation measures? (CO3, K2)
- (a) Agriculture
  - (b) Information Technology
  - (c) Aerospace
  - (d) Telecommunications

7. Which action is essential for effective disaster relief logistics? (CO4, K2)
- (a) Centralizing all decisions without local input
  - (b) Focusing only on long-term recovery plans
  - (c) Ensuring efficient distribution of resources to affected areas
  - (d) Disregarding the needs of the local community
8. Which of the following best describes a governance strategy for climate adaptation in water management? (CO4, K2)
- (a) Centralizing all decisions without local input
  - (b) Implementing decentralized and participatory approaches
  - (c) Reducing funding for water management projects
  - (d) Ignoring local climate data
9. Which of the following is a primary goal of adaptation strategies in coastal zones? (CO5, K2)
- (a) Reducing coastal erosion and flooding
  - (b) Ignoring sea level changes
  - (c) Expanding industrial activities in coastal areas
  - (d) Halting all construction projects
10. Which policy is essential for enhancing coastal resilience to climate change? (CO5, K2)
- (a) Expanding coastal industrial zones
  - (b) Reducing investment in coastal protection infrastructure
  - (c) Enforcing regulations on coastal development and land use
  - (d) Ignoring environmental impact assessments

**Part B**

(5 × 5 = 25)

Answer **all** questions not more than 500 words each.

11. (a) Explain the concept of adaptation to climate change and provide examples of adaptation strategies used in urban planning. (CO1, K3)

Or

- (b) Explain the concept of climate change vulnerability and describe how socio-economic factors can influence a community's vulnerability to climate change. (CO1, K3)

12. (a) Analyze the challenges faced by international organizations in coordinating climate change adaptation efforts. Provide examples of successful coordination efforts. (CO2, K4)

Or

- (b) Assess the role of urban planning in climate change mitigation. Provide examples of cities that have successfully integrated climate resilience into their planning processes. (CO2, K4)

13. (a) Discuss the key components of an effective disaster relief plan in Agriculture Sector over climate changes. (CO3, K3)

Or

- (b) Explain how climate change impacts agricultural productivity. (CO3, K3)

14. (a) Explain the importance of a comprehensive needs assessment in disaster relief planning in water resource management. (CO4, K3)

Or

- (b) Explain the importance of integrating water resource management into broader climate adaptation and mitigation strategies. (CO4, K4)
15. (a) Analyze the effectiveness of coastal defenses such as seawalls in mitigating the impacts of sea level rise. (CO5, K4)

Or

- (b) Explain the role of policy frameworks in coastal zone management. (CO5, K3)

**Part C**

(5 × 8 = 40)

Answer **all** questions not more than 1000 words each.

16. (a) Analyze the different strategies for climate change adaptation in the agricultural sector. (CO1, K4)

Or

- (b) Illustrate the relationship between climate change and socio-economic inequality. Discuss. (CO1, K5)
17. (a) Illustrate the effectiveness of the Paris Agreement in promoting global climate adaptation and mitigation efforts. Discuss its strengths and weaknesses. (CO1, K4)

Or

- (b) Evaluate the potential for renewable energy sources to mitigate climate change impacts in India. (CO2, K5)

18. (a) Discuss about the impact of technology on disaster relief planning and delivery in Agricultural sector.  
(CO3, K5)

Or

- (b) Discuss about the impact of climate change on crop yields and the measures farmers can take to adapt to these changes.  
(CO3, K4)

19. (a) Assess the importance of timely and accurate information in planning for disaster relief and how it influences decision-making and outcomes.  
(CO4, K4)

Or

- (b) Discuss the role of government policies in promoting climate-resilient water management practices.  
(CO4, K4)

20. (a) Discuss the impact of climate change on coastal biodiversity and the measures needed to protect it.  
(CO5, K5)

Or

- (b) Assess the role of financial mechanisms in supporting coastal adaptation projects. Discuss the challenges and opportunities in financing these projects.  
(CO5, K4)

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**R3823**

**Sub. Code**

**652NM2**

**M.B.A. DEGREE EXAMINATION, NOVEMBER – 2025**

**International Business**

**NME : BASICS OF EXPORT**

**(CBCS – 2022 onwards)**

Time : 3 Hours

Maximum : 75 Marks

**Part A**

(10 × 1 = 10)

Answer **all** the following objective type questions by choosing the correct option.

1. \_\_\_\_\_ means selling a product by a company to its affiliated company in host country. (CO1, K2)
  - (a) Direct exporting
  - (b) Intra corporate transfer
  - (c) Indirect exporting
  - (d) Exporting
  
2. \_\_\_\_\_ arrangement is also known as cross licensing. (CO1, K2)
  - (a) Licensing
  - (b) Franchising
  - (c) Intra corporate transfers
  - (d) Contracts
  
3. When firms leverage an existing brand name to introduce a new product in market it is called as \_\_\_\_\_. (CO2, K3)
  - (a) Brand extension
  - (b) Sub-brand
  - (c) Parent brand
  - (d) Product extension

4. Name the branding practice wherein several related products with the same brand name are advertised using the same advertisement. (CO2, K3)
- (a) Umbrella Branding
  - (b) Ingredient Branding
  - (c) Salience Branding
  - (d) Co-Branding
5. Formula : FOB Price \_\_\_\_\_ (CO3, K2)
- (a) FOB Cost + Profit – DBK
  - (b) All the expenses until goods loaded on ship + Freight + Profit – Incentive
  - (c) All the costs until goods loaded on board the ship + Freight + Insurance – Incentive
  - (d) FOB Expenses + Customs @ port of destination – DBK
6. Under CIF quotation, which among the following is not a responsibility of the exporter? (CO3, K2)
- (a) Expenses upto goods loaded on board the ship
  - (b) Marine Insurance
  - (c) Customs at port of Destination
  - (d) Freight Expenses
7. \_\_\_\_\_ gives permission to load the cargo into the ship. (CO4, K2)
- (a) Bill of lading
  - (b) Let export order
  - (c) Let ship order
  - (d) Carter order

8. \_\_\_\_\_ is prepared in five copies. (CO4, K2)
- (a) Packing list
  - (b) Shipping bill
  - (c) Bill of lading
  - (d) Commercial Invoice
9. Rule 21 of Central Excise Rules, 2002 deals with the following type of cases (CO5, K2)
- (a) Rebate
  - (b) Export
  - (c) Remission of Central Excise duty
  - (d) Adjudication
10. Remission is (CO5, K2)
- (a) A type of drawback scheme
  - (b) Waiver or cancellation/exemption of excise duty legally payable
  - (c) Facility to avoid double taxation.
  - (d) Refund of Cenvat Credit on exported goods

**Part B**

(5 × 5 = 25)

Answer **all** questions not more than 500 words each.

11. (a) Illustrate the export prospect for small firms. (CO1, K2)

Or

- (b) Discuss the organization structure of the export firm. (CO1, K2)

12. (a) Identify the nature of export firm. (CO2, K3)

Or

(b) Discover the modes of entry into foreign markets.  
(CO2, K3)

13. (a) Distinguish between conference lines, independent lines and tramp vessels. (CO3, K2)

Or

(b) Elaborate the factors influencing the choice of transport. (CO3, K2)

14. (a) Explain the differences between Mate's receipt and Bill of lading. (CO4, K2)

Or

(b) Differentiate between Bill of Lading and Bill of Exchange. (CO4, K2)

15. (a) Discuss the objectives of Export Oriented Scheme. Enumerate the procedure to set up Export Oriented Units. (CO5, K2)

Or

(b) Prepare a chart showing the duties / taxes in respect of which CENVAT credit is allowed. (CO5, K2)

**Part C**

(5 × 8 = 40)

Answer **all** questions not more than 1000 words each.

16. (a) Summarise the role and functions of export manager. (CO1, K2)

Or

- (b) Illustrate the preliminary steps to be taken before the export transaction begins. (CO1, K2)

17. (a) Construct the registration formalities for setting up an export firm in India. (CO2, K3)

Or

- (b) Develop an effective export marketing plan for the product of your choice. (CO2, K3)

18. (a) Explain the factors determining export price. (CO3, K2)

Or

- (b) Explain the types of export distribution channels. Discuss the factors affecting the choice of channels. (CO3, K2)

19. (a) Discuss the role of banks in export transactions. Name the documents needed by them for realising export proceeds from the foreign buyers. (CO4, K2)

Or

- (b) Define Letter of Credit. Who are the parties involved in the letter of credit and explain their roles? Discuss the types of Letter of Credit. (CO4, K2)

20. (a) What do you mean by Interest Equalisation Scheme? What are its benefits? Discuss the procedure to apply for interest equalization scheme. (CO5, K2)

Or

- (b) Discuss briefly the origin of Spices Board. Define the role of Spices Board in export of spices. What is quality standards and branding? (CO5, K2)
-

**R3824**

**Sub. Code**

**654NM2**

**M.B.A. DEGREE EXAMINATION, NOVEMBER – 2025**

**Logistics and Supply Chain Management**

**NME : DISTRIBUTION MANAGEMENT**

**(CBCS – 2022 onwards)**

Time : 3 Hours

Maximum : 75 Marks

**Part A**

(10 × 1 = 10)

Answer **all** the following objective type questions by choosing the correct option.

1. Which of the following is NOT a function of physical distribution? (CO1, K2)
  - (a) Order processing
  - (b) Transportation
  - (c) Sales promotion
  - (d) Warehousing
  
2. Physical distribution is also called (CO1, K2)
  - (a) Supply chain management
  - (b) Marketing logistics
  - (c) Production planning
  - (d) Inventory analysis

3. Which of the following is a factor affecting distribution channels? (CO2, K3)
- (a) Product characteristics
  - (b) Market competition
  - (c) Customer preferences
  - (d) All of these
4. Which of the following is NOT a mode of transportation? (CO2, K3)
- (a) Rail
  - (b) Road
  - (c) Air
  - (d) Packaging
5. The main objective of transportation in logistics is (CO3, K3)
- (a) Delay delivery
  - (b) Move goods safely and timely
  - (c) Increase distribution cost
  - (d) Create storage issues
6. Which of the following is NOT an inventory cost? (CO3, K3)
- (a) Holding cost
  - (b) Ordering cost
  - (c) Shortage cost
  - (d) Advertising cost

7. Inventory management mainly deals with (CO4, K3)
- (a) Cash flow
  - (b) Stocks of goods
  - (c) Customer complaints
  - (d) Retail promotions
8. Which of the following is NOT a function of warehousing? (CO4, K3)
- (a) Storage
  - (b) Risk bearing
  - (c) Financing production
  - (d) Customer service
9. Which of the following is a modern warehousing technique? (CO5, K3)
- (a) Manual handling
  - (b) Automation
  - (c) Cold storage
  - (d) Cross-docking
10. Distribution management is best defined as (CO5, K3)
- (a) Managing flow of goods from producer to consumer
  - (b) Selling products only in retail shops
  - (c) Advertising and promotion
  - (d) Financing operations

**Part B**

(5 × 5 = 25)

Answer **all** the following questions not more than 500 words each.

11. (a) Define physical distribution and explain its importance. (CO1, K2)

Or

- (b) Explain the functions of physical distribution. (CO1, K2)

12. (a) What are the roles of marketing channels in distribution? (CO2, K3)

Or

- (b) What are the factors affecting channel design? (CO2, K3)

13. (a) Explain the role of intermediaries in distribution. (CO3, K3)

Or

- (b) Discuss types of channel arrangements. (CO3, K3)

14. (a) Define transportation and explain its importance in logistics. (CO4, K3)

Or

- (b) What are the different modes of transportation? (CO4, K3)

15. (a) Explain the functions of inventory in logistics. (CO5, K3)

Or

- (b) What are the costs involved in inventory management? (CO5, K3)

**Part C**

(5 × 8 = 40)

Answer **all** the following questions not more than 1000 words each.

16. (a) Discuss the concept and scope of physical distribution in logistics. (CO1, K2)

Or

- (b) Explain the objectives and functions of physical distribution. (CO1, K2)

17. (a) Explain the functions of distribution channels and their significance. (CO2, K3)

Or

- (b) Discuss the role of intermediaries and factors affecting channel choice. (CO2, K3)

18. (a) Explain transportation management and its principles. (CO3, K3)

Or

- (b) Discuss the legal and regulatory aspects of transportation in India. (CO3, K3)

19. (a) What are the types and classes of inventory? (CO4, K3)

Or

- (b) Explain inventory control methods under conditions of uncertainty. (CO4, K3)

20. (a) Discuss warehouse functions and importance in supply chain. (CO5, K3)

Or

- (b) Explain the role of automation in warehousing and its advantages. (CO5, K3)
-

**R3825**

**Sub. Code**

**701NM2**

**M.A. DEGREE EXAMINATION, NOVEMBER – 2025**

**English**

**NME — ENGLISH FOR COMPETITIVE EXAMINATIONS**

**(CBCS – 2022 onwards)**

Time : 3 Hours

Maximum : 75 Marks

**Part A**

(10 × 1 = 10)

Answer **all** following objective type questions by choosing the correct option.

1. What part of speech is the word “happy” in the sentence ‘She is a happy person’? (CO1, K2)  
(a) Noun (b) Verb  
(c) Adjective (d) Adverb
2. Identify the head noun in the noun phrase ‘The big red car’ (CO1, K2)  
(a) Big (b) Red  
(c) Car (d) The
3. Which preposition is used to indicate a location or position? (CO2, K6)  
‘The book is \_\_\_\_\_ the table’  
(a) In (b) on  
(c) at (d) under

4. Which of the following sentences is an example of subject-verb concord? (CO2, K6)
- (a) The team are going to the finals
  - (b) The team is going to the finals
  - (c) The team am going to the finals
  - (d) The team been going to the finals
5. Which of the following sentences is in the active voice? (CO3, K2)
- (a) The play was enjoyed by the audience
  - (b) The audience enjoyed the play
  - (c) The play is being performed by the actors
  - (d) The actors are performing the play
6. Which of the following sentences is in the future perfect tense? (CO3, K2)
- (a) I will go to the party
  - (b) I have to go to the party
  - (c) I will have gone to the party
  - (d) I go to the party
7. Which part of the sentence is a noun clause? (CO4, K5)  
'The fact that he arrived late surprised everyone'
- (a) The fact
  - (b) Arrived late
  - (c) Surprised everyone
  - (d) He arrived late

8. Which of the following is a correct example of a complex sentence? (CO4, K5)
- (a) I went to the store, and I bought milk
  - (b) When I got home, I realized I had forgotten my keys
  - (c) The teacher gave the students a lot of homework
  - (d) The sun was shining brightly in the clear blue sky
9. Spot the error in the following sentence: (CO5, K3)  
“The teacher give the students a lot of homework.”
- (a) The
  - (b) Teacher
  - (c) Give
  - (d) Students
10. What is the meaning of the word “perspicacious”? (CO5, K3)
- (a) Having a strong and unpleasant smell
  - (b) Having a keen understanding and insight
  - (c) Having a loud and boisterous personality
  - (d) Having a slow and sluggish pace

**Part B**

(5 × 5 = 25)

Answer **all** the questions not more than 500 words each.

11. (a) Elucidate the types of Noun phrases with examples. (CO1, K2)

Or

- (b) What are the differences between adjective phrases and adjective clauses? (CO1, K2)

12. (a) Briefly explain Preposition and its types with examples. (CO2, K1)

Or

- (b) How important is concord in the English language? Explain. (CO2, K2)

13. (a) Change the Active voice to Passive voice sentences: (CO3, K3)

- (i) The chef cooks the meal.
- (ii) The company will launch the new product next month.
- (iii) The teacher gave the students a lot of homework.
- (iv) The new employee is training with the marketing team.
- (v) The artist painted a beautiful landscape.

Or

- (b) Identify the Degree of Comparison in the given sentences: (CO3, K4)

- (i) Sam is intelligent.
- (ii) Santana is taller than Brittany.
- (iii) My friend, Bindhu, looks the happiest.
- (iv) We climbed the highest mountain.
- (v) The sun is brighter than yesterday.

14. (a) Transform the Assertive sentence into Interrogative sentence: (CO4, K2)

(i) They had been waiting for Veena for two hours.

(ii) He is not in the school.

(iii) She likes ice-cream.

(iv) Everybody loves flowers.

(v) You can do the work.

Or

(b) Combine each of the following pairs of sentences into a Simple sentence.

(CO4, K2)

(i) He won a jackpot. He built a big mansion.

(ii) He stood on tip-toe. He reached for the bunch of grapes.

(iii) He is going to London. He wants to pursue higher education there.

(iv) Milton was the Homer of England. He wrote Paradise Lost.

(v) The moon rose. Their journey was not ended.

15. (a) Explain the idioms and frame a sentences of your own. (CO5, K6)

(i) Game is up

(ii) Gentleman's agreement

(iii) An Achilles Heel

(iv) Get the gate

(v) Hit the hay

Or

- (b) Spot the error. (CO5, K5)
- (i) It takes me a hour to reach the temple.
  - (ii) Game came to an end soon.
  - (iii) I go to school on bus
  - (iv) The patient is now free of danger
  - (v) Rosy and Sarah is friend

**Part C**

(5 × 8 = 40)

Answer **all** the questions not more than 1000 words each.

16. (a) Identify the Part of Speech for each of the following words: (CO1, K3)
- (i) Run
  - (ii) Happy
  - (iii) Quickly
  - (iv) Dog
  - (v) Very
  - (vi) Go
  - (vii) Big
  - (viii) And

Or

- (b) Write down Adverbial phrases on time and place (four each) in sentences. (CO1, K5)
17. (a) Elucidate the Prepositions of direction, time, place, and location with examples. (CO2, K2)

Or

- (b) Select the correct form of the verb in brackets to complete the sentence: (CO2, K5)
- (i) The student \_\_\_\_\_ (to write) a letter to the principal.
  - (ii) The company \_\_\_\_\_ (to announce) a new product last week.

- (iii) The weather \_\_\_\_\_ (to be) cold and rainy yesterday.
- (iv) The teacher \_\_\_\_\_ (to give) the students a lot of homework.
- (v) The new employee \_\_\_\_\_ (to start) work next Monday.
- (vi) The team \_\_\_\_\_ (to practice) every day for the big game.
- (vii) The customer \_\_\_\_\_ (to pay) by credit card.
- (viii) The hotel \_\_\_\_\_ (to offer) a discount for long-term stays.

18. (a) What are the twelve types of tenses? Elucidate with suitable examples. (CO3, K2)

Or

(b) Identify the type of tenses: (CO3, K1)

- (i) Damon drinks coffee every morning.
- (ii) The boy got up late and missed the bus.
- (iii) My mother goes to pray in the temple.
- (iv) The team is playing very well.
- (v) The school will be closed for winter break.
- (vi) Leonard graduated from college last year.
- (vii) The baby has eaten all the chips.
- (viii) Have you read Pride and Prejudice?

19. (a) What is a Noun clause? How do you use it in a sentence? Explain. (CO4, K5)

Or

- (b) Identify the type of Sentences: (CO4, K2)
- (i) Please shut the windows and doors.
  - (ii) Do you like chocolate pastries?
  - (iii) My name is Astrid Gracy.
  - (iv) Where are you going?
  - (v) Such a beautiful place!
  - (vi) Go and try this new flavour.
  - (vii) Today is Monday.
  - (viii) Please clean your cupboard today.

20. (a) Write sentences with relevance to the meaning of the words below: (CO5, K1)
- (i) Scarce                      (ii) Concept
  - (iii) Appoint                (iv) Constant
  - (v) Render                    (vi) Appeal
  - (vii) Grant                    (viii) Theory

Or

- (b) (i) Identify the errors in the following sentences: (CO5, K5)
- (1) The teacher give us a lot of homework tonight.
  - (2) The cat chase it's tail with excitement.
  - (3) The students was very happy about the summer break.
  - (4) The book, which author is unknown, is on the bestseller list.
- (ii) Idioms and phrases:
- (1) 'A piece of cake'
  - (2) 'Actions speak louder than words'
  - (3) 'All or nothing'
  - (4) 'Bend over backwards'

**R3826**

**Sub. Code**

**720NM1**

**B.Sc. DEGREE EXAMINATION, NOVEMBER – 2025**

**Physical Education**

**NME — HEALTH AND PHYSICAL EDUCATION**

**(CBCS – 2022 onwards)**

Time : 3 Hours

Maximum : 75 Marks

**Part A**

(10 × 1 = 10)

Answer **all** the following objective type questions by choosing the correct option.

1. Causes of malnutritionis (CO1, K2)
  - (a) Lack of balanced diet
  - (b) Excessive exercise
  - (c) Overhydration
  - (d) Excess sleep
2. Aim of physical education is (CO1, K1)
  - (a) To improve mathematical skills
  - (b) To limit physical activity
  - (c) To prevent social interactions
  - (d) To develop physical fitness
3. Recreational activities are essential for (CO2, K2)
  - (a) Helpsto relaxation
  - (b) Increase pressure
  - (c) Social isolation
  - (d) children

4. Health education in schools focuses on (CO2, K2)  
(a) Physical fitness, nutrition.  
(b) Reducing exam pressure  
(c) Replacing sports with academic subjects  
(d) Avoiding discussions about health
5. Malaria is a (CO3, K1)  
(a) Disease (b) Virus  
(c) Bacteria (d) Parasite
6. Communicable disease is (CO3, K2)  
(a) Obesity (b) Hypertension  
(c) Tuberculosis (d) Diabetes
7. A fracture is a (CO4, K2)  
(a) Tear in the skin  
(b) Break in the bone  
(c) Sprain in the muscle  
(d) Bruise on the body
8. Tear of muscles is called (CO4, K1)  
(a) Strain (b) Sprain  
(c) Fracture (d) Soreness
9. Which nutrient is essential for muscle growth and repair? (CO5, K1)  
(a) Carbohydrates (b) Proteins  
(c) Fats (d) Vitamins
10. Vitamin B deficiency (CO5, K2)  
(a) Beri Beri (b) Night blindness  
(c) Rickets (d) Scurvy

**Part B**

(5 × 5 = 25)

Answer **all** questions not more than 500 words each.

11. (a) Write down the concept of physical education. (CO1, K3)

Or

- (b) What is the aim and objectives of physical education. (CO1, K3)

12. (a) Define the term Fitness and Physical fitness. (CO2, K3)

Or

- (b) How to maintain the play field in schools. (CO2, K3)

13. (a) Write down the causes and symptoms of back pain. (CO3, K2)

Or

- (b) What are the injuries occur for the players. (CO3, K2)

14. (a) Explain about the First Aid. (CO4, K4)

Or

- (b) Mention the preventive measures for an injury. (CO4, K4)

15. (a) What is food and What is nutrients? (CO5, K4)

Or

- (b) Explain Balance Diet. (CO5, K4)

**Part C**

(5 × 8 = 40)

Answer **all** questions not more than 1000 words each.

16. (a) Explain the importance of health education. (CO1, K4)

Or

- (b) Define Nutrition. Explain about the malnutrition. (CO1, K4)

17. (a) Explain the development of ancient and modern Olympics. (CO2, K3)

Or

- (b) Describe about the health education in schools. (CO2, K3)

18. (a) Illustrate the causes and prevention of life style disorder diseases. (CO3, K3)

Or

- (b) Explain about the Health Instruction and Health Services in schools. (CO3, K3)

19. (a) Explain Fracture and causes, symptoms of fracture. (CO4, K3)

Or

- (b) Enumerate about the communicable diseases. (CO4, K4)

20. (a) Explain the classification of food. (CO5, K3)

Or

- (b) Explain the vitamins and its deficiency diseases. (CO5, K3)

**R3827**

**Sub. Code**

**741NM2**

**M.Ed. DEGREE EXAMINATION, NOVEMBER – 2025**

**Education**

**NME — ENVIRONMENTAL EDUCATION**

**(CBCS – 2022 onwards)**

Time : 3 Hours

Maximum : 75 Marks

**Part A**

(10 × 1 = 10)

Answer **all** the following objective type questions by choosing the correct option.

1. The origin of modern environmental education is  
(CO1, K3)
  - (a) The paris agreement
  - (b) The earth summit in Rio De Janeiro
  - (c) The conservation movement and international conference on the environment in 1960s and 1970s
  - (d) The industrial revolution
  
2. Environmental education aims to empower individuals to  
(CO1, K2)
  - (a) Be passive observers of environmental degradation
  - (b) Take responsible action to improve the environment
  - (c) Increase industrial pollution
  - (d) Focus only on recycling activities

3. Which global event significantly influenced the development of the environmental education curriculums. (CO2, K3)
- (a) The Earth Summit
  - (b) The Renaissance
  - (c) The industrial Revolution
  - (d) The Cold War
4. Environmental education is being taught at \_\_\_\_\_ level (CO2, K2)
- (a) Primary
  - (b) Secondary
  - (c) Higher education
  - (d) All the above
5. What is the primary cause of the environmental crisis? (CO3, K2)
- (a) Excessive industrial growth
  - (b) Cultural traditions
  - (c) Decreased population
  - (d) Increase in renewable energy
6. Which of the following has contributed to environmental crisis? (CO3, K3)
- (a) Traditional farming methods
  - (b) Over reliance on science and technology without considering environmental impacts
  - (c) Cultural preservation
  - (d) Reduced pollution levels
7. Which constitutional amendment in India explicitly addresses environmental protection? (CO4, K2)
- (a) 42<sup>nd</sup> Amendment
  - (b) 73<sup>rd</sup> Amendment
  - (c) 86<sup>th</sup> Amendment
  - (d) 91<sup>st</sup> Amendment

8. What is the primary cause of the green house effect?  
(CO4, K2)
- (a) Excessive deforestation
  - (b) Emission of green house gases like carbon dioxide and methane
  - (c) Increased use of wind energy
  - (d) Reduction in the use of Fossil fuels
9. Which event is considered as environmental disaster?  
(CO5, K3)
- (a) Afforestation
  - (b) Oil spills in the ocean
  - (c) Rain water harvesting
  - (d) Wind energy production
10. What is the most common cause of forest fires? (CO5, K2)
- (a) Lightning strikes and human activities
  - (b) Excessive rainfall
  - (c) Natural cooling of temperatures
  - (d) Ocean currents

**Part B**

(5 × 5 = 25)

Answer **all** the questions not more than 500 words each.

11. (a) Discuss the relationship between environmental education and sustainable development. (CO1, K3)

Or

- (b) What are the key guidelines for implementing environmental education programs? (CO1, K2)

12. (a) How would you apply the principles of the environmental education curriculum to write the lesson plan on climate change for middle school students? (CO2, K3)

Or

- (b) Critically assess the role of UGL in promoting the environmental education in higher education institutions. (CO2, K5)

13. (a) Analyze the impact of constitutional amendments in India on the conservation of environment. (CO3, K4)

Or

- (b) What changes would you recommend to make the environmental conservation to the more effective. (CO3, K3)

14. (a) Examine the causes and effects of water pollution with examples. (CO4, K4)

Or

- (b) Analyze the measures that can be taken to prevent forest fires in vulnerable regions. (CO4, K4)

15. (a) Apply the principles of Chipko movement to face the environmental challenges related to deforestation. (CO5, K3)

Or

- (b) Examine the role of Brundtland commission report to ensure both economic growth and environmental sustainability. (CO5, K5)

**Part C**

(5 × 8 = 40)

Answer **all** the following questions not more than 1000 words each.

16. (a) What strategies you would implement to address the challenges of climate change and water pollution? (CO1, K3)

Or

- (b) Design a curriculum to integrate the goals of environmental education at primary level. (CO1, K5)
17. (a) Analyze the significance of environmental education curriculum at various educational levels with illustration. (CO2, K4)

Or

- (b) How would you evaluate the role of NCERT and UGL in shaping the environmental education curriculum? (CO2, K5)
18. (a) Analyze the impact of science and technology on the current environmental crisis. (CO3, K4)

Or

- (b) Design a strategy to integrate science and technology and cultural values to solve the environmental problems and resource depletion. (CO3, K5)
19. (a) How do the green house effect and ozone layer depletion contribute to environmental hazards? (CO4, K4)

Or

- (b) Analyze the need and scope of environmental management to address the challenges posed by environmental hazards. (CO4, K5)

20. (a) Develop a comprehensive strategy for sustainable development integrating insight of Stockholm, Rio summit and Nairobi conference. (CO5, K6)

Or

- (b) Evaluate the contributions of the Kyoto protocol in reducing global warming. (CO5, K5)
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**R3828**

**Sub. Code**

**743NM2**

**M.Ed. (Special Education) DEGREE EXAMINATION,  
NOVEMBER – 2025**

**Visual Impairment**

**NME – MINDFULNESS**

**(CBCS – 2022 onwards)**

Time : 3 Hours

Maximum : 75 Marks

**Part A**

(10 × 1 = 10)

Answer **all** the questions by choosing the correct option.

1. Mindfulness can be best defined as (CO1, K1)
  - (a) Daydreaming about the future
  - (b) Paying attention to the present moment without judgment
  - (c) Forgetting negative experiences
  - (d) Avoiding emotions completely
  
2. Which part of the brain is most associated with mindfulness practice? (CO1, K2)
  - (a) Amygdala                      (b) Hippocampus
  - (c) Prefrontal cortex      (d) Medulla
  
3. The foundation of mindfulness is (CO2, K1)
  - (a) Avoidance of stress
  - (b) Present-moment awareness
  - (c) Control of others
  - (d) None of the above

4. Which Buddhist practice is mindfulness originally derived from? (CO2, K1)
- (a) Vipassana meditation
  - (b) Zen archery
  - (c) Tantra yoga
  - (d) Sufism
5. Mindful breathing helps in (CO3, K1)
- (a) Increasing distractions
  - (b) Enhancing self-regulation
  - (c) Suppressing memory
  - (d) Multitasking
6. Which of the following is NOT a principle of mindfulness? (CO3, K1)
- (a) Non-judgement
  - (b) Patience
  - (c) Acceptance
  - (d) Competition
7. Mindfulness of body involves (CO4, K1)
- (a) Ignoring bodily sensations
  - (b) Over-controlling movements
  - (c) Observing sensations with awareness
  - (d) Avoiding physical activities
8. Which skill is strengthened by mindful listening (CO4, K4)
- (a) Conflict creation
  - (b) Memory loss
  - (c) Aggression
  - (d) Empathy
9. The practice of mindful eating emphasize (CO5, K2)
- (a) Paying attention to taste, smell, and texture
  - (b) Eating quickly
  - (c) Counting calories only
  - (d) Eating while watching TV
10. Mindfulness reduces (CO5, K1)
- (a) Concentration
  - (b) Emotional intelligence
  - (c) Stress and anxiety
  - (d) Physical health

**Part B**

(5 × 5 = 25)

Answer **all** the questions not more than 500 words each.

11. (a) Define *Mindfulness* with suitable examples. (CO1, K2)

Or

- (b) State any two principles of mindfulness and explain briefly. (CO1, K1)

12. (a) Why is awareness of bodily sensations important in mindfulness practice? (CO2, K2)

Or

- (b) Explain the role of breathing in mindfulness of the body. (CO2, K2)

13. (a) Write a short note on the relationship between empathy and the brain. (CO3, K3)

Or

- (b) Differentiate between mindfulness and self-regulation in the context of emotions. (CO3, K2)

14. (a) Define mindfulness and explain its relation to states of consciousness. (CO4, K3)

Or

- (b) How does mindfulness of posture help in enhancing awareness? (CO4, K3)

15. (a) List any three activities where mindfulness can be applied in day-to-day life. (CO5, K2)

Or

- (b) Explain the role of mindful listening in improving communication. (CO5, K3)

**Part C**

(5 × 8 = 40)

Answer **all** the questions not more than 1000 words each.

16. (a) Describe the relationship between mindfulness and self-regulation with suitable examples. (CO1, K3)

Or

- (b) "Mindfulness improves self-awareness, attention, and stress management"-Justify this statement with theoretical and practical explanation.(CO1, K6)

17. (a) Discuss the importance of feeling the body in developing mindfulness. (CO2, K3)

Or

- (b) Explain the process of cultivating mindfulness of the body with suitable examples. (CO2, K3)

18. (a) Discuss the strategies of working with emotional intensity through mindfulness practices. (CO3, K3)

Or

- (b) Critically analyze the role of compassion in mindfulness of emotions and its importance in emotional well-being. (CO3, K5)

19. (a) Discuss how mindfulness practices influence different states of consciousness with suitable examples. (CO4, K5)

Or

- (b) Evaluate the importance of forgiveness in mindfulness practices and its impact on psychological well-being. (CO4, K6)

20. (a) Discuss the role of mindfulness in again and maintaining emotional balance. (CO5, K4)

Or

- (b) Design a daily routine incorporating at least five mindfulness practices and explain how they contribute to overall well-being. (CO5, K6)

**R3829**

**Sub. Code**

**813NM2**

**M.Sc. DEGREE EXAMINATION, NOVEMBER – 2025**

**Yoga**

**NME : SCIENCE OF YOGA**

**(CBCS – 2022 onwards)**

Time : 3 Hours

Maximum : 75 Marks

**Part A**

(10 × 1 = 10)

Answer **all** the following objective type questions by choosing the correct option.

1. The primary principle of yogic practice is \_\_\_\_\_  
(CO1, K1)
  - (a) Competitive spirit
  - (b) Regulation of prana
  - (c) Speed and strength
  - (d) Suppression of emotions
  
2. In suryanamaskar, the seventh stages should be  
(CO1, K1)
  - (a) Pranamasana
  - (b) Bhujangasana
  - (c) Hasta Uttanasana
  - (d) Astanga Namaskara

3. Which of the following is an example of a meditative asans? (CO2, K1)
- (a) Bhujangasana
  - (b) Tadasana
  - (c) Padmasana
  - (d) Savasana
4. During the practice of shavasana, the awareness is primarily directed towards: (CO2, K2)
- (a) Heart rate Variability
  - (b) Breath and body relaxation
  - (c) Skeletal muscle contraction
  - (d) Dynamic stretching
5. In traditional yogic texts, the ideal breathing ratio for advanced pranayama is described as (CO3, K2)
- (a) 1:1:1
  - (b) 1:4:2
  - (c) 4:2:1
  - (d) 2:2:1
6. Anuloma Viloma is especially beneficial for (CO3, K2)
- (a) Balancing the autonomic system
  - (b) Improving muscular hypertrophy
  - (c) Increasing basal metabolic rate
  - (d) Generating heat in the body

7. The word “Mudra” means: (CO4, K3)
- (a) Cleansing action
  - (b) Mental concentration
  - (c) Expansion of breath
  - (d) Lock, Seal or Gesture
8. Which kriya involves the use of a soft thread passed through the nasla passages? (CO4, K2)
- (a) Sutra Neti
  - (b) JalaNeti
  - (c) Trataka
  - (d) Nauli
9. Which kriya is specifically meant for cleansing the nasal passage? (CO5, K2)
- (a) Kpalabhathi
  - (b) Neti
  - (c) Nauli
  - (d) Dhauti
10. Which of the following mudras is used in kundalini awakening practices? (CO5, K3)
- (a) Prana Mudra
  - (b) Trataka
  - (c) Chin Mudra
  - (d) Maha Mudra

**Part B**

(5 × 5 = 25)

Answer **all** questions not more than 500 words each.

11. (a) Write down the importance of yogic practices. (CO1, K3)

Or

- (b) Explain about chandra namaskar. (CO1, K3)

12. (a) Explain the meaning and definition of asanas. (CO2, K3)

Or

- (b) Explain the essentials of asana practices. (CO2, K2)

13. (a) What are the different types of pranayama? (CO3, K3)

Or

- (b) Explain the phases of pranayama with breathing ratio. (CO3, K3)

14. (a) Define Kriyas and Mudras. (CO4, K4)

Or

- (b) What are the types of kriyas. (CO4, K3)

15. (a) What are the different meditation techniques? (CO5, K4)

Or

- (b) Explain the concept of mindfulness meditation. (CO5, K4)

**Part C**

(5 × 8 = 40)

Answer **all** questions not more than 1000 words each.

16. (a) Impact of yogic practice on physical and mental health. (CO1, K3)

Or

- (b) Describe the concept of suryanamskar. (CO1, K3)

17. (a) Define asanas and explain their classification. (CO2, K4)

Or

- (b) Differentiate between asanas and physical exercises. (CO2, K4)

18. (a) Define pranayama. Explain its techniques. (CO3, K3)

Or

- (b) Write the guidelines, preparations and cautions of pranayama practice. (CO3, K3)

19. (a) Elaborate the practicing method, benefits of kriyas. (CO4, K4)

Or

- (b) Describe the types of Mudras and its benefits. (CO4, K4)

20. (a) Describe the concept of meditation and how it benefits mental well-being. (CO5, K4)

Or

- (b) Compare different meditation techniques and suggest how they can be interacted into daily life. (CO5, K5)
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**R3830**

**Sub. Code**

**932NM2**

**M.Sc. DEGREE EXAMINATION, NOVEMBER – 2025**

**Library and Information Science**

**NME – ELECTRONIC INFORMATION SOURCES AND SERVICES**

**(CBCS – 2022 onwards)**

Time : 3 Hours

Maximum : 75 Marks

**Part A**

(10 × 1 = 10)

Answer **all** the following objective questions by choosing the correct option.

1. Generally the information sources are divided mainly in to following categories? (CO1, K2)
  - (a) Primary and secondary
  - (b) Reference and information sources.
  - (c) Documentary and non-documentary
  - (d) Books and periodicals
2. Today which type of information sources is most useful? (CO1, K2)
  - (a) Reference sources
  - (b) Documentary source
  - (c) Non- Documentary source
  - (d) Both the Documentary and Non-Documentary sources
3. DOAJ stands for (CO2, K2)
  - (a) Directory of Open Access Journals
  - (b) Directory of Online Access Journals
  - (c) Directorate of Open Access Journals
  - (d) Directorate of Online Access Journals

4. Blogs, Wikis, are examples of \_\_\_\_\_. (CO2, K2)  
(a) Web 2.0 (b) Web 1.0  
(c) Web 3.0 (d) Web 4.0
5. J-Gate launched in (CO3, K3)  
(a) 2001 (b) 2004  
(c) 2000 (d) 2003
6. “Shodhganga” is a repository of (CO3, K3)  
(a) E-books (b) e-journals  
(c) e-thesis (d) Databases
7. OAI Stands for (CO4, K4)  
(a) Open Access Initiatives  
(b) Open Archive Initiatives  
(c) Online Access Initiatives  
(d) Online Archive Initiatives
8. What is Digital Library? (CO4, K4)  
(a) Collection of news papers  
(b) Collection of books  
(c) Collection of digital sources  
(d) Collection of e-journals
9. “Ask” a librarian is. (CO5, K2)  
(a) Document delivery service  
(b) OPAC service  
(c) Current Awareness service  
(d) Digital Reference service
10. Information is (CO5, K2)  
(a) Raw Data (b) Processed Data  
(c) Input data (d) Organized data

**Part B**

(5 × 5 = 25)

Answer **all** questions not more than 500 words each.

11. (a) Make a distinction between documentary and non-documentary sources. List a few advantages of non-documentary sources. (CO1, K2)

Or

- (b) Provide an overview of primary sources. (CO1, K2)

12. (a) What do you understand by electronic information resources? (CO2, K2)

Or

- (b) Discuss internet resources. (CO2, K2)

13. (a) Explain bibliographical databases with an example. (CO3, K3)

Or

- (b) Find out the difference between bibliographical and full-text databases. (CO3 K3)

14. (a) Discuss the need to share resources. (CO4, K4)

Or

- (b) Give a few examples of the advantages of library networks. (CO4, K4)

15. (a) Examine current information sources. (CO5, K2)

Or

- (b) Write a note on “Virtual Reference”. (CO5, K2)

**Part C**

(5 × 8 = 40)

Answer **all** questions not more than 1000 words each.

16. (a) Describe the different types of sources of information. (CO1, K2)

Or

- (b) How do we evaluate information sources? (CO1, K2)

17. (a) Analyze the different formats available for e-electronic resources. (CO2, K2)

Or

- (b) Examine the criteria for evaluating Internet resources. (CO2, K2)

18. (a) Discuss the various types of databases with suitable examples. (CO3, K3)

Or

- (b) Describe how the Internet is used in libraries. (CO3 K3)

19. (a) E-Resources' role in resource sharing — Elucidate. (CO4, K4)

Or

- (b) Give a brief overview of the “Shodhsindhu’ Digital Library Consortium’s goals. (CO4, K4)

20. (a) Describe the components of information systems. (CO5, K2)

Or

- (b) Discuss the pros and cons of e-publishing. (CO5, K2)