

C-7490

Sub. Code

83613

B.Sc. DEGREE EXAMINATION, NOVEMBER 2022

First Semester

Visual Media

INTRODUCTION TO VISUAL COMMUNICATION

(2019 onwards)

Duration: 3 Hours

Maximum : 75 Marks

Part A

(10 × 2 = 20)

Answer **all** questions.

1. Visual Communication
2. Verbal Communication
3. Semiotics
4. Denotation
5. Perception
6. Visual illusion
7. Research
8. Culture
9. Global Media
10. Print Media.

Part B

(5 × 5 = 25)

Answer **all** questions.

11. (a) State the importance of Visual Communication.

Or

- (b) List the merits of group and team Communication.

12. (a) State the salient features of Lasswell's model.

Or

- (b) Write about the different levels of Communication.

13. (a) Write a short note on Semiotic landscape.

Or

- (b) List the process of developing ideas.

14. (a) Write about Paradigmatic and Syntagmatic aspects of sign.

Or

- (b) Discuss about denotation culture.

15. (a) Write about the importance of Public relation.

Or

- (b) State the merits of digital media.

Part C

(3 × 10 = 30)

Answer **all** questions.

16. (a) Explain the types of Communication.

Or

- (b) What is Intercultural Communication? List the barriers in Communication.

17. (a) Explain Schramm's circular model.

Or

(b) Explain the salient features of Whites Gatekeeper theory.

18. (a) Elaborate on Hypodermic needle model and uses gratification model.

Or

(b) Explain the functions of Mass Communication.

C-7491

Sub. Code

83614

B.Sc. DEGREE EXAMINATION, NOVEMBER 2022

First Semester

Visual Media

ART AND DESIGN STUDY

(2019 onwards)

Duration : 3 Hours

Maximum : 75 Marks

Part A

(10 × 2 = 20)

Answer **all** questions.

1. Define Balance.
2. Write short note on proportion.
3. Write short note on saturation.
4. Define Font.
5. Write short note on Grey Scale.
6. Define Graphics.
7. What do you mean by picture plane?
8. What is vanishing point?
9. What is stick figure?
10. Write short note on Gesture.

Part B

(5 × 5 = 25)

Answer **all** questions.

11. (a) List out the principles of design.

Or

- (b) Write a brief note on centre visual impact.

12. (a) Illustrate colour wheel with brief explanation.

Or

- (b) What are the essentials of Typography?

13. (a) Describe special designs in brief.

Or

- (b) Write a brief note on style cover page with example.

14. (a) Write a brief note on construction method of two point perspective.

Or

- (b) Illustrate aerial perspective.

15. (a) Write a brief note on figure drawing basics.

Or

- (b) Illustrate the cylindrical forms.

Part C

(3 × 10 = 30)

Answer **all** questions.

16. (a) Explain the elements of design with diagram.

Or

- (b) Explain the classification of the different font types with their name and character, orientation, position and sizes.

17. (a) Analyse layout and Design of the following magazines – India Today, The week, Front line and Outlook.

Or

- (b) What are the important points that should be considered while designing Typography?

18. (a) Write a detailed note on the following drawing basics.

- (i) Foreshortening
- (ii) Overlapping and
- (iii) Study from live figure

Or

- (b) Analyse colour psychology in Indian movie. Give detail explanation with suitable example.

C-6240

Sub. Code

83623

B.Sc. DEGREE EXAMINATION, APRIL 2022

Second Semester

Visual Media

TELEVISION PRODUCTION

(2019 onwards)

Duration : 3 Hours

Maximum : 75 Marks

Part A

(10 × 2 = 20)

Answer **all** questions.

1. Write a note on dubbing.
2. Expand SITE.
3. What is story board?
4. Differentiate head room and nose room.
5. What are the stages of production?
6. What is budgeting?
7. What is editing?
8. List the categories of sound.
9. Write about special effects.
10. Write any two audio formats.

Part B

(5 × 5 = 25)

Answer **all** questions.

11. (a) Briefly sketch the origin and growth of television.

Or

- (b) Write about the importance of script in TV production.

12. (a) What are the different dimensions of lighting?

Or

- (b) Suggest two new television formats with title and target audience.

13. (a) List the various steps involved in a television news bulletin.

Or

- (b) What are the roles and responsibilities of a floor manager in a TV Studio?

14. (a) What are the main parts and features of video camera?

Or

- (b) Describe the different types of microphones using in television production.

15. (a) What are the key elements in productions?

Or

- (b) What are Audio Consoles and Audio Control Devices?

Part C

(3 × 10 = 30)

Answer **all** questions.

16. (a) Write about the importance of art director and floor management.

Or

- (b) Television can be used to supplement India's effort to become a developed country. Do you agree?

17. (a) Draw up a plan for 10 minute documentary on food adulteration and give detailed script.

Or

- (b) Visual literacy and grammar are essential components of TV production - Explain.

18. (a) Explain the types of Lights and Lighting Equipments.

Or

- (b) Elaborate on the different types of shots and movements.

C-6241

Sub. Code

83624

B.Sc. DEGREE EXAMINATION, APRIL 2022

Second Semester

Visual Media

SCRIPT AND SCREENPLAY WRITING

(2019 onwards)

Duration : 3 Hours

Maximum : 75 Marks

Part A

(10 × 2 = 20)

Answer **all** questions.

1. What is meant by point of view?
2. What is master script?
3. Define exposition position
4. What do you mean by dialogs?
5. What is documentary film?
6. Name any two entertainment programs in television
7. Write a short note on tone subject matter
8. Define conflict
9. What is creativity?
10. What is meant by narrative structure?

Part B

(5 × 5 = 25)

Answer **all** questions.

11. (a) Script writing as a creative, collaborative learning process of problem finding and problem solving — Discuss.

Or

- (b) How do you write a critique style?

12. (a) Discuss about scene breakdown.

Or

- (b) Write about full fledged script

13. (a) Write a short note on basic story idea.

Or

- (b) How will you present the script in a professional manner?

14. (a) How do you critique a script?

Or

- (b) Outline the steps of script writing your creative ideas.

15. (a) What are the basics steps in writing a screen play?

Or

- (b) How do you develop an idea into a script?

Part C

(3 × 10 = 30)

Answer **all** questions.

16. (a) Write a script for short film on any environmental issues.

Or

- (b) How will you write the television news?
17. (a) What are the steps to be followed in writing the script for documentaries?

Or

- (b) Explain the role and the responsibilities of video jockey.
18. (a) Elaborate on two dimensional versus three dimensional characters.

Or

- (b) Explain the benefits of including music in a screenplay.
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C-6242

Sub. Code

83625

B.Sc. DEGREE EXAMINATION, APRIL 2022

Second Semester

Visual Media

DIGITAL PHOTOGRAPHY

(2019 onwards)

Duration : 3 Hours

Maximum : 75 Marks

Part A

(10 × 2 = 20)

Answer **all** the questions.

1. Define snoot
2. What is visual perception?
3. Define angle of view
4. What is polarizing filter?
5. What is soft focus filter?
6. Define star filter
7. What is aesthetics?
8. What is motion picture?
9. What is photo essay?
10. List any two branded camera.

Part B

(5 × 5 = 25)

Answer **all** questions.

11. (a) Elaborate on the importance of fog filter.

Or

- (b) Write about the special effects techniques.

12. (a) Elaborate on manipulation, framing and trimming.

Or

- (b) Elaborate on the basis on photo journalism.

13. (a) Highlight the visual story telling.

Or

- (b) How photography is important for advertising?

14. (a) How will you plan a shoot?

Or

- (b) Write about set props and casting

15. (a) What is indoor and outdoor lighting?

Or

- (b) Write about the aperture types.

Part C

(3 × 10 = 30)

Answer **all** questions.

16. (a) Elaborate on ISO types.

Or

- (b) Elaborate on rule of third with example.

17. (a) Elaborate on fashion photography.

Or

(b) Differentiate good photo and bad photo.

18. (a) Elaborate on photo journalism.

Or

(b) How digital photography is helpful in the present scenario?

C-7493

Sub. Code

83632

B.Sc. DEGREE EXAMINATION, NOVEMBER 2022

Third Semester

Visual Media

FILM LANGUAGE AND APPRECIATION

(2019 onwards)

Duration : 3 Hours

Maximum : 75 Marks

Part A

(10 × 2 = 20)

Answer **all** questions.

1. Define: Film Perception.
2. List out three important characteristics of a film.
3. What is Syntax?
4. Any two usage of Montage Shot.
5. Define: Casting
6. Mention any five types of character in a film.
7. Uses of Low Angle Shot.
8. 3 Point Lighting.
9. What is Rhythm Cut?
10. Define: Special Effects.

Part B

(5 × 5 = 25)

Answer **all** questions.

11. (a) Write a short note on Film Perception.
- Or
- (b) Elucidate: Film Language.
12. (a) Differentiate between narrative form and non narrative form.
- Or
- (b) Describe about Cinematographer Properties.
13. (a) Discuss about pre production.
- Or
- (b) Write a short note about Scripting.
14. (a) Elucidate: Camera Lighting.
- Or
- (b) Write a note on Editing Report.
15. (a) Elucidate: Dubbing.
- Or
- (b) Elaborate your view about music posting.

Part C

(3 × 10 = 30)

Answer **all** questions.

16. (a) Explain in detail about Soviet Montage (1924-1930).
- Or
- (b) Describe about Principles of Film.

17. (a) Explain the steps involved in story development.

Or

(b) Discuss about Screenplay Writing.

18. (a) Different Kinds of Shots - Explain.

Or

(b) Elucidate: Pot production Process.

C-7494

Sub. Code

83633

B.Sc. DEGREE EXAMINATION, NOVEMBER 2022

Third Semester

Visual Media

ADVERTISING AND PR

(2019 onwards)

Duration : 3 Hours

Maximum : 75 Marks

Part A

(10 × 2 = 20)

Answer **all** questions.

1. What is an Advertisement?
2. Define: stimulus Response Theory.
3. Mention the Types of Advertising.
4. What is Campaign Planning in Advertising?
5. List out the Different types of Media.
6. Define: Ad Production Copy.
7. What is Public Relation?
8. List out the Four Basic Elements of Public Relation.
9. What is House Journal?
10. Three Types of Publicity.

Part B

(5 × 5 = 25)

Answer **all** questions.

11. (a) Write a short note on History of Advertising.

Or

- (b) Elucidate: Stimulus — Response Theory.

12. (a) State the importance of Advertising Agency.

Or

- (b) Describe about Professional Ethics in Advertising.

13. (a) Discuss about Visuals and other Creative Elements.

Or

- (b) Write a brief note on Advertising forms.

14. (a) Elucidate: Propaganda.

Or

- (b) Write a note on organization.

15. (a) Write brief note on Periodicals.

Or

- (b) Elaborate your view about Communication with the Media.

Part C

(3 × 10 = 30)

Answer **all** questions.

16. (a) Explain in detail about advertising Theories.

Or

- (b) Describe in detail about Advertising and Marketing Process.

17. (a) Explain the steps involved in Strategy Campaign Planning.

Or

(b) Discuss about Media Relationship.

18. (a) Explain in detail about Print Media.

Or

(b) Elucidate in detail about PR Functions.

C-7495

Sub. Code

83634

B.Sc. DEGREE EXAMINATION, NOVEMBER 2022

Third Semester

Visual Media

MARKETING RESEARCH

(2019 onwards)

Duration : 3 Hours

Maximum : 75 Marks

Part A

(10 × 2 = 20)

Answer **all** the questions.

1. Write any two merits of doing market survey.
2. What is sample design?
3. Comment on market share.
4. Write a note on Questionnaire.
5. What is field work?
6. Comment on sampling errors.
7. Write any two role of market research officer.
8. What is Report writing?
9. Why data interpretation is important in research?
10. Write short note on time schedule chart.

Part B

(5 × 5 = 25)

Answer **all** the questions.

11. (a) Outline the importance of market share of a market research agency.

Or

- (b) State the scope of market survey.

12. (a) Write the role of Market Research Assistant Investigator.

Or

- (b) Outline the major consideration in sample design.

13. (a) State the difference between open ended and close ended question.

Or

- (b) Write short on Pilot Survey.

14. (a) Discuss the planning stage of fieldwork.

Or

- (b) How will you collect the data from the respondent?

15. (a) Data Base Management System make the marketing survey simple – Write your views.

Or

- (b) How do you interpret the data in marketing research?

Part C

(3 × 10 = 30)

Answer **all** the questions.

16. (a) Write anyone of the leading Market Research agency work in detail.

Or

- (b) Discuss the scope of Market survey in Tamil Nadu.

17. (a) Explain the sampling types with examples.

Or

- (b) Explain the preparation for a field work for a successful market survey.

18. (a) Explain the advantages of using computers in database management system.

Or

- (b) Explain the characteristics of a good questionnaire.

C-7496

Sub. Code

83642

B.Sc. DEGREE EXAMINATION, NOVEMBER 2022

Fourth Semester

Visual Media

EDITING TECHNIQUES

(2019 onwards)

Duration: 3 Hours

Maximum : 75 Marks

Part A

(10 × 2 = 20)

Answer **all** questions.

1. What is time line?
2. Write short note on nonlinear editing.
3. What is keyframe in animation?
4. Write short note on layers in editing.
5. What is Rendering in editing?
6. Write short note on track marker.
7. What is parallel editing?
8. Define Transition in editing.
9. Write short note on dubbing.
10. Write any three audio effects in audio editing.

Part B

(5 × 5 = 25)

Answer **all** questions.

11. (a) Write a brief note on Online editing with suitable example.

Or

- (b) Differentiate linear and non linear editing.

12. (a) Write a brief note on Layer and properties in Editing.

Or

- (b) Outline the need of compositing techniques in editing.

13. (a) Write a brief note on effects and animation preset.

Or

- (b) Illustrate the process of creating background and 4 colour gradient in editing.

14. (a) Write a brief note on different types of cut in editing.

Or

- (b) How to export video in different video format?

15. (a) Write a brief note on (i) Mono (ii) Stereo and (iii) 5.5.

Or

- (b) Write a brief note on types of microphone.

Part C

(3 × 10 = 30)

Answer **all** questions.

16. (a) Write a detailed note on the following
- (i) Non destructive editing
 - (ii) Interlaced/Progressive Scan video
 - (iii) Title safe and action safe Zone.

Or

- (b) Illustrate the editing process for any multicamera setup programme with detailed explanation.
17. (a) Write a detailed note on latest animation techniques for typography animation.

Or

- (b) Editing is not only a technology but also an art - justify.
18. (a) Discuss the various compositing techniques used in any famous animation project or movie. Point out the rotoscoping, masking tracking, keying techniques used in that particular Project/Movie.

Or

- (b) Write a detailed note on
- (i) Re-recording mixing and mixed track
 - (ii) Cutting of negatives.

C-7497

Sub. Code

83644

B.Sc. DEGREE EXAMINATION, NOVEMBER 2022

Fourth Semester

Visual Media

AUDIO AND VIDEO PRODUCTION

(2019 onwards)

Duration : 3 Hours

Maximum : 75 Marks

Part A

(10 × 2 = 20)

Answer **all** questions.

1. Storyboard
2. Scene
3. Lenses
4. High Angle
5. 180 degree
6. Field of view
7. Rule of thirds
8. Back light
9. Acoustics
10. Audio meters

Part B

(5 × 5 = 25)

Answer **all** the following questions.

11. (a) How do you bring emotions through cinematography?

Or

- (b) Briefly explain scene and shots split-up in video production.

12. (a) Explain the various camera angles and their purposes.

Or

- (b) Elaborate on crossing the imaginary line.

13. (a) How do you explain lens speed, sharpness and distortion?

Or

- (b) What are the differences between film camera and digital camera?

14. (a) Explain the three point lighting with illustration.

Or

- (b) How does camera movement help telling the story?

15. (a) Elaborate on physics of sound and acoustics.

Or

- (b) Explain the preparedness of sound production in studio and live.

Part C

(3 × 10 = 30)

Answer **all** questions.

16. (a) Write a detailed budget proposal for a video project incorporating each and every cost involved in the video project.

Or

- (b) Examine how continuity plays a vital role in visual story telling.
17. (a) Illustrate the importance of audio in video productions.

Or

- (b) Examine the types of camera available for video production.
18. (a) Examine the creative use of sound and the equipment required for video.

Or

- (b) Explain the requirements in the pre-production and post-production stages of making a good video.
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C-7498

Sub. Code

83651

B.Sc. DEGREE EXAMINATION, NOVEMBER 2022

Fifth Semester

Visual Media

PROJECT MANAGEMENT

(2019 onwards)

Duration : 3 Hours

Maximum : 75 Marks

Part A

(10 × 2 = 20)

Answer **all** the questions.

1. What is Project Management?
2. What is Planning?
3. Define Flow chart.
4. What is Gantt chart?
5. Define Budgeting.
6. How will you monitor the Project performance?
7. Define Project teams.
8. List any Project team pitfalls.
9. How to build the team spirit?
10. Write short note on Project quality management.

Part B

(5 × 5 = 25)

Answer **all** the questions.

11. (a) Outline the prospects of Project management.

Or

- (b) Write short note on Project life cycle.

12. (a) Write about Scheduling techniques.

Or

- (b) How to develop the Project network?

13. (a) Write short note on Resource allocation method.

Or

- (b) How will you assess Project performance?

14. (a) Discuss team development process.

Or

- (b) How to improve team dynamics?

15. (a) Discuss the concept of Project quality.

Or

- (b) Write about Quality Management Systems.

Part C

(3 × 10 = 30)

Answer **all** the questions.

16. (a) Explain the importance of Project Management.

Or

- (b) Explain the types of Project in detail.

17. (a) How will you prepare estimates resource scheduling?

Or

(b) How will you evaluate and control planned cost and schedule performance?

18. (a) Explain Quality Management art different stages of the Project.

Or

(b) Explain TQM in projects.

C-7499

Sub. Code

83652

B.Sc. DEGREE EXAMINATION, NOVEMBER 2022

Fifth Semester

Visual Media

CORPORATE COMMUNICATION

(2019 onwards)

Duration : 3 Hours

Maximum : 75 Marks

Part A

(10 × 2 = 20)

Answer **all the** questions.

1. Define Communication.
2. What is interpersonal communication?
3. Define Corporate Communication.
4. What is advertising?
5. Why Publicity is important?
6. Write short note on house journal.
7. What is Internet?
8. Who is a Web editor?
9. How to do Corporate Advertising?
10. What is Press Conference?

Part B

(5 × 5 = 25)

Answer **all** the questions.

11. (a) Write the scope of Corporate Communication.

Or

- (b) Highlight the importance of Public relations.

12. (a) Write short note on structure of Corporate Communication.

Or

- (b) Discuss the management aspect in Corporate Communication.

13. (a) Write short note on Corporate Communication tools.

Or

- (b) How will you control Pressure groups?

14. (a) Discuss Corporate Communication with respect to community.

Or

- (b) How to improve marketing Communication?

15. (a) Discuss the importance of Intranet and Internet.

Or

- (b) Write about Corporate Communication in local bodies.

Part C

(3 × 10 = 30)

Answer **all** the questions.

16. (a) Explain the core functions of Corporate Communication.

Or

- (b) Explain Corporate Communication in industry.

17. (a) Explain the role of media for Corporate Communication.

Or

- (b) Elaborate on Media Conferences and releases in detail.

18. (a) Explain the media expectations print and electronic in detail.

Or

- (b) Explain the role of Corporate Communication in NGO's.

C-7500

Sub. Code

83653

B.Sc. DEGREE EXAMINATION, NOVEMBER 2022

Fifth Semester

Visual Media

DIGITAL MARKETING

(2019 onwards)

Duration : 3 Hours

Maximum : 75 Marks

Part A

(10 × 2 = 20)

Answer **all** the questions.

1. What is digital marketing?
2. List any two career opportunities in Digital marketing.
3. Name any three Digital marketing channels.
4. What are the smart tools in Digital marketing?
5. Expand SEM and PPC.
6. Write short note on Google Display Marketing.
7. Expand SMO and ORM.
8. What is Blog?
9. Which Social media are used more in Digital Marketing?
10. Write short note on Email Marketing.

Part B

(5 × 5 = 25)

Answer **all** the questions.

11. (a) Discuss about Paid Digital Marketing channel.

Or

- (b) State the scope of digital marketing at global level.

12. (a) Write about Search Engine marketing.

Or

- (b) How to make search campaign live?

13. (a) Outline SEM/PPC - Live Project

Or

- (b) Write short on viral and # tag Marketing.

14. (a) Discuss the best SMO Integrated practices and tips.

Or

- (b) List the ways to build impressive image in Social platform.

15. (a) Highlight the importance of International Marketing.

Or

- (b) Discuss the International Marketing ethics.

Part C

(3 × 10 = 30)

Answer **all** the questions.

16. (a) Why are Indians far behind the Global in Digital Marketing?

Or

- (b) Explain the Digital Marketing Information Resources for updating knowledge.

17. (a) Explain in detail SEM/PPC-Video Promotion and Mobile App Promotion.

Or

- (b) Explain SMO-Forums/Groups Marketing and SMO- Whatsapp strategy Marketing.

18. (a) Explain the design, execution and costing of Email Marketing.

Or

- (b) Explain the emerging trends in International Marketing.

C-7013

Sub. Code

**16/17/23/25/
26/27/29**

**COMMON FOR ALL U.G DEGREE COURSES
EXAMINATION, NOVEMBER 2022**

First/Second Semester

ENVIRONMENTAL STUDIES

(2019/2020 onwards)

Duration : 3 Hours

Maximum : 75 Marks

Part A

(10 × 2 = 20)

Answer **all** questions.

1. Nonrenewable resources
2. Ecosystem
3. Food Chain of forest ecosystem.
4. Pandemic Emergencies.
5. Red Data Book
6. Hot spots
7. Climate Change
8. Deforestation
9. Biodiversity
10. Acid Rain

Part B

(5 × 5 = 25)

Answer **all** questions.

11. (a) Differentiate renewable and nonrenewable energy resources.

Or

- (b) Write notes on structure and functions of grassland ecosystem.

12. (a) Write notes on Food Webs of Forest Ecosystem with suitable examples.

Or

- (b) Write notes on Genetic, Species and Ecosystem Diversity.

13. (a) Write short notes on Food resources and its problems associated with them.

Or

- (b) Write notes on land resources and problem associated with them.

14. (a) Write notes on thermal pollution.

Or

- (b) Write notes on energy pyramids with suitable examples.

15. (a) Explore the threats to biodiversity.

Or

- (b) Write note on man-made disaster with special reference to strike.

Part C

(3 × 10 = 30)

Answer **all** the questions.

16. (a) Write an essay on multidisciplinary nature of environmental studies and about the need for public awareness on environment.

Or

- (b) Write an essay on Water Resources and problem associated with over-utilization of various water resources.
17. (a) Write an essay on Biogeographical classification of India.

Or

- (b) Write an essay on values of biodiversity.
18. (a) Write an essay on causes, effects and control measures of water pollution.

Or

- (b) Enumerate various strategies in managing disasters caused due to natural calamities.
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C-5664

Sub. Code

**16/17/23/25/
26/27/29**

**Common for All U.G. B.Sc./B.B.A. DEGREE
EXAMINATION, APRIL 2022**

First/Second Semester

ENVIRONMENTAL STUDIES

(2019/2020 onwards)

Duration : 3 Hours

Maximum : 75 Marks

Part A

(10 × 2 = 20)

Answer **all** the questions.

1. ZSI.
2. WII.
3. What is renewable energy?
4. Food web.
5. Pyramid of numbers in aquatic ecosystem.
6. Red data book.
7. List out any five Endemic species of India.
8. List out marine pollutants.
9. *Ex Situ* Conservation.
10. Enlist Option Values of Biodiversity.

Part B

(5 × 5 = 25)

Answer **all** the questions.

11. (a) Write notes on definition, scope and importance of environmental studies.

Or

- (b) Write notes on soil erosion and desertification.

12. (a) Write notes on energy flow in the ecosystem.

Or

- (b) Write notes on threads to biodiversity.

13. (a) Write notes on Biodiversity at Global, National and Local levels.

Or

- (b) Write notes on various strategies of conservation of Biodiversity.

14. (a) Write notes on ecological pyramids.

Or

- (b) Write notes on air pollution.

15. (a) Write notes on noise pollution.

Or

- (b) Write notes on effects and control measures of nuclear hazards.

Part C

(3 × 10 = 30)

Answer **all** questions.

16. (a) Write an essay on the multidisciplinary nature of Environmental Studies.

Or

- (b) Write an essay on the following resources with special emphasis to how they are overexploited/utilized which in turn damage the environment, (i) Forest Resources and (ii) Food Resources.

17. (a) Write an essay on “India is a mega-diversity nation”.

Or

- (b) Write an essay on Biodiversity and their values.

18. (a) Write an essay on causes, effects and control measures of (i) Marine Pollution and (ii) Water Pollution.

Or

- (b) Write an essay on concept, structure and function of ecosystem.