

**R4730**

**Sub. Code**

**25MED2C1**

**M.Ed. DEGREE EXAMINATION, APRIL – 2026**

**Second Semester**

**Education**

**EDUCATIONAL STATISTICS**

**(CBCS – 2025 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 measure of central tendency calculated by dividing the sum of values by the number of observations is (CO1, K1)
  - (a) Mean
  - (b) Median
  - (c) Mode
  - (d) Range
  
2. Excel and SPSS are used in educational statistics mainly because they (CO2, K2)
  - (a) Prevent errors in data collection
  - (b) Replace the need of statistical knowledge
  - (c) Reduce the variables
  - (d) Replace statistical methods
  
3. One-way ANOVA compares (CO2, K1)
  - (a) Two groups
  - (b) Three or more groups based on one factor
  - (c) Interaction between two independent variables
  - (d) Two Variables

4. A researcher chooses a z-test instead of a t-test since (CO2, K2)
- (a) Sample size is small
  - (b) Population variance is unknown
  - (c) Population variance is known and sample size is large
  - (d) Data is categorical

5. Kruskal Wallis H Test is an alternative to (CO3, K1)
- (a) Independent t-test
  - (b) Paired t-test
  - (c) One Way ANOVA
  - (d) Chi-square test

6. The association between Gender and Subject preference is (CO3, K2)

Gender	Mathematics	Science
Boys	20	30
Girls	30	20

The expected frequency for Boys choosing mathematics is

- (a) 20
  - (b) 25
  - (c) 30
  - (d) 35
7. Memoing in qualitative research is used to (CO4, K1)
- (a) Record reflective notes about data and analysis
  - (b) Writing a research proposal
  - (c) Collecting quantitative data
  - (d) Performing statistical tests

8. Spatial triangulation in qualitative research refers to (CO4, K2)
- (a) Collecting from a single source to validate findings
  - (b) Using multiple methods in one location
  - (c) Coding and Memoing
  - (d) Collecting data from different locations or contexts
9. SPSS stands for (CO5, K1)
- (a) Statistical Programming for Social Science
  - (b) Scientific Package for Social Science
  - (c) Statistical Package for Social Science
  - (d) Standard Programming for Social Science
10. Cronbach's Alpha value of 0.86 indicates (CO5, K2)
- (a) Poor reliability
  - (b) Acceptable good internal consistency
  - (c) High Reliability
  - (d) Sampling Error

**Part B**

(5 × 5 = 25)

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

11. (a) Explain the meaning, definition and scope of educational statistics. How is it significant for teachers and researchers? (CO1, K3)

Or

- (b) The following table shows the distribution of marks by students. Find the median of the Distribution.

(CO1, K3)

CI	25-29	30-34	35-39	40-44	45-49	50-54
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f	1	2	3	9	11	7
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CI	55-59	60-64	65-69	70-74
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f	6	5	4	2
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12. (a) Calculate and analyse the coefficient of correlation between the following two sets of scores using Karl Pearsons' Product Moment Method. Interpret the nature strength of the relationship between the variables. (CO2, K4)

Individuals	A	B	C	D	E	F	G
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X	12	14	16	18	20	19	18
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Y	40	38	42	35	38	40	42
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Individuals	H	I	J	K	L
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X	14	16	22	24	20
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Y	36	38	40	45	30
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Or

- (b) Analyse the role of linear regression in predicting the relationship between independent and dependent variables. (CO2, K4)

13. (a) Evaluate the effectiveness of the Wilcoxon Signed — Rank test as a non-parametric alternative to the paired samples t-test. (CO3, K5)

Or

- (b) Determine the  $\chi^2$  statistic for the given data and critically evaluate the significance of the difference between observed and expected frequencies.

(CO3, K5)

Condition of the Child	Condition of the Home		Total
	Clean	Dirty	
Clean	70	50	120
Fairly clean	80	20	100
Dirty	35	45	80
Total	185	115	300

14. (a) Analyse the difference between memoing and bracketing in qualitative data analysis. (CO4, K4)

Or

- (b) Examine the stages of content analysis and analyze how it facilitates the understanding of qualitative data. (CO4, K4)

15. (a) Create a step by step plan to enter and analyze data using SPSS or Excel. (CO5, K6)

Or

- (b) Develop a procedure to assess the reliability of a questionnaire using Cronbach's Alpha and Kuder Richardson methods. (CO5, K6)

**Part C**

(5 × 8 = 40)

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

16. (a) The marks obtained by 20 students in an achievement test are as follows: (CO1, K4)  
45, 52, 67, 78, 52, 60, 47, 70, 65, 55, 58, 72, 50, 68,  
62, 59, 48, 54, 61, 66
- (i) Construct a frequency distribution table
  - (ii) Draw a histogram and an Ogive curve
  - (iii) Analyse the distribution and comment on its shape.

Or

- (b) Explain and analyse the differences between nominal, ordinal, discrete and continuous data. Give two examples of each from educational research. (CO1, K4)
17. (a) Evaluate the importance of distinguishing between population and sample in educational research. Justify why selecting a representative sample is critical for hypothesis testing. (CO2, K5)

Or

- (b) The scores of six students before and after a training program are as follows. (CO2, K5)
- |        |    |    |    |    |    |    |
|--------|----|----|----|----|----|----|
| Before | 55 | 60 | 58 | 62 | 57 | 59 |
| After  | 60 | 65 | 63 | 68 | 62 | 64 |
- (i) Compute the differences and mean difference
  - (ii) Perform an paired t test
  - (iii) Evaluate the effect of the training program and justify whether it was effective.

18. (a) Develop a procedure for comparing the ranks of two independent groups of students using the Mann-Whitney U test. Include stepwise ranking, calculation of U, significance testing, and interpretation. (CO3, K6)

Or

- (b) Two rank variables are given for 5 students as follows: (CO3, K6)

Student	Rank X	Rank Y
A	1	2
B	2	1
C	3	3
D	4	5
E	5	4

- (i) Construct a step by step procedure to compute Spearman's rank correlation coefficient
- (ii) Evaluate the strength and direction of the relationship
- (iii) Justify whether Rank X can be used to predict Rank Y.
19. (a) Evaluate the importance of Visual data representations in qualitative research. Justify how these tools improve understanding and communication of complex data. (CO4, K5)

Or

- (b) Critically evaluate how different types of triangulation enhance the validity of qualitative research. Justify your answer with examples showing how each type strengthens research findings. (CO4, K5)

20. (a) Analyse the steps involved in performing Exploratory Factor Analysis using SPSS or Jamovi. Explain how it helps in identifying important factors in a questionnaire. (CO5, K4)

Or

- (b) Examine how histograms, Q-Q plots, and boxplots be used to interpret research data. Analyze how these graphs help identify trends, and check data assumptions (CO5, K4)

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**R4731**

**Sub. Code**

**25MED2C2**

**M.Ed. DEGREE EXAMINATION, APRIL – 2026**

**Second Semester**

**INCLUSIVE EDUCATION : ISSUES, CHALLENGES,  
OPPORTUNITIES AND DIRECTIONS**

**(CBCS – 2025 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 model is used for classifying disabilities in the syllabus? (CO1, K1)  
(a) DSM-5 (b) ICF Model  
(c) ICD- 10 (d) IDEA Framework
2. Identify the correct sequence: Impairment → Disability → Handicap refers to: (CO1, K2)  
(a) Historical perspectives  
(b) Conceptual framework  
(c) Educational evaluation  
(d) Physical modification
3. Which of the following legislations was enacted in 1995 to empower persons with disabilities? (CO2, K1)  
(a) National Policy of Education  
(b) Rehabilitation Council of India Act  
(c) Persons with Disabilities Act  
(d) National Curriculum Framework

4. Inclusive education primarily emphasizes: (CO2, K2)
- (a) Segregation of learners with disabilities
  - (b) Providing concessions only to marginalized groups
  - (c) Equal opportunities and participation for diverse learners
  - (d) Exclusive focus on financial support
5. Which of the following is a characteristic of educable mentally retarded children? (CO3, K1)
- (a) Inability to learn basic self-care skills
  - (b) Complete dependence on others for daily living
  - (c) Lack of any social interaction
  - (d) Ability to achieve academic progress up to a limited level
6. Which option best explains the purpose of mental hygiene as remediation in education for children with Autism? (CO3, K2)
- (a) To prevent creativity in children
  - (b) To increase physical strength and stamina
  - (c) To promote emotional well-being and adjustment
  - (d) To identify gifted children
7. Which of the following is NOT a characteristic of children with orthopaedical impairment? (CO4, K2)
- (a) Visual difficulties
  - (b) Limited mobility
  - (c) Need for assistive devices
  - (d) Restricted participation in physical activities

8. Juvenile delinquency is primarily associated with \_\_\_\_\_ (CO4, K1)
- (a) Physical impairment
  - (b) Hearing loss
  - (c) Visual impairment
  - (d) Anti-social behaviour
9. Which of the following is a mobility aid? (CO5, K1)
- (a) Wheelchair
  - (b) Screen reader
  - (c) Voice recognition software
  - (d) Adapted pencil grip
10. Cognitive aids are primarily designed to support learners with challenges in (CO5, K2)
- (a) Physical movement
  - (b) Sensory perception
  - (c) Thinking skills such as memory and attention
  - (d) Reading fluency

**Part B**

(5 × 5 = 25)

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

11. (a) Apply the concepts of impairment, disability, and handicap to illustrate how they differ from one another in practical contexts. Provide examples to show how each term can be understood in everyday situations. (CO1, K3)

Or

- (b) Demonstrate how physical modifications such as ramps and grab bars can be applied to make a school environment inclusive for diverse learners. (CO1, K3)

12. (a) Analyse the evolution of the philosophy of inclusive education. (CO2, K4)

Or

- (b) Examine the scope of inclusive education in addressing the needs of marginalized groups and learners with disabilities. (CO2, K4)

13. (a) Evaluate the importance of enrichment programs for children with ADHD. (CO3, K5)

Or

- (b) Justify the need for specialized educational programs for children with learning disabilities. (CO3, K5)

14. (a) Evaluate the effectiveness of rehabilitation programs for children with drug addiction compared to those designed for juvenile delinquents. (CO4, K5)

Or

- (b) Assess how etiology and prevention strategies differ between visual impairment and hearing impairment in educational contexts. (CO4, K5)

15. (a) Evaluate the impact of integrating computer-based assistive technologies on inclusive classroom participation. (CO5, K6)

Or

- (b) Critically assess how mobility aids and adapted tools contribute to equitable access in educational activities for differently abled learners. (CO5, K6)

**Part C**

(5 × 8 = 40)

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

16. (a) Illustrate and present an analysis about the readiness of schools for inclusion by examining barriers such as infrastructure, teacher preparedness, and societal attitudes. (CO1, K4)

Or

- (b) Compare and contrast inclusive education and special education models. What strengths and limitations can you identify in each when addressing students with multiple disabilities?

(CO1, K4)

17. (a) Evaluate the impact of the National Policy of Education (1986) and the Programme of Action (1992) on the empowerment of Children with Special Needs. (CO2, K5)

Or

- (b) Critically evaluate the role of the UNCRPD in shaping inclusive education practices in India.

(CO2, K5)

18. (a) Assess the effectiveness of identification processes and educational programs for gifted and creative children. (CO3, K5)

Or

- (b) Critically evaluate the educational and enrichment programs designed for children with mental retardation. (CO3, K5)

19. (a) Design an inclusive educational program that addresses the needs of learners with visually impairment and orthopaedically impairment.

(CO4, K6)

Or

(b) Propose a multi-level intervention framework for preventing anti-social and character disorders among adolescents, integrating school, family, and community roles. (CO4, K6)

20. (a) Illustrate the effectiveness of combining mobility aids with digital assistive technologies in fostering inclusive learning environments. (CO5, K6)

Or

(b) Critically assess the challenges institutions face in implementing assistive and adaptive technologies for diverse learners. Suggest strategies to overcome these barriers while ensuring equity and accessibility. (CO5, K6)

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**R4732**

**Sub. Code**

**25MED2C3**

**M.Ed. DEGREE EXAMINATION, APRIL – 2026**

**Second Semester**

**Education**

**INFORMATION AND COMMUNICATION TECHNOLOGY  
IN EDUCATION**

**(CBCS – 2025 onwards)**

Time : 3 Hours

Maximum : 75 Marks

**Part A**

(10 × 1 = 10)

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

1. ICT stands for (CO1, K1)
  - (a) Information Communication Technology
  - (b) Information and Communication Technology
  - (c) Integrated Communication Technology
  - (d) Interactive Computer Technology
  
2. DIKSHA platform is primarily used for (CO1, K2)
  - (a) Providing Printed Materials
  - (b) Providing Digital Learning Resources
  - (c) Providing Banking Services
  - (d) Evaluation in Education
  
3. Shodhganga is managed by (CO2, K1)
  - (a) Inflibnet
  - (b) IGNOU
  - (c) NIOS
  - (d) IIT

4. Which of the following is a Learning Management Systems? (CO2, K1)
- (a) NPTEL
  - (b) Shodhganga
  - (c) Microsoft Office
  - (d) Moodle
5. Blended Learning means (CO3, K2)
- (a) Online Learning
  - (b) Face to Face Learning
  - (c) Both Online and Face to Face Learning
  - (d) None of the above
6. The pedagogical model TPACK was developed by (CO3, K1)
- (a) Benjamin Bloom
  - (b) Punya Mishra and Mathew.J.Koehler
  - (c) John Dewey
  - (d) B.F.Skinner
7. The common device that is used for immersive VR experience (CO4, K1)
- (a) LCD Projectors
  - (b) Televisions
  - (c) VR Headsets
  - (d) Printed Cards

8. Gamification enhances. (CO4, K2)
- (a) Rote memorisation
  - (b) Active learner engagement
  - (c) Teacher Dependency
  - (d) Rigidity in learning
9. Blogs are created and managed for (CO5, K2)
- (a) Entertainment
  - (b) Assessment
  - (c) Teaching
  - (d) Sharing learning materials
10. Spreadsheets are primarily used for (CO5, K1)
- (a) Document Creation
  - (b) Data Calculation
  - (c) Creating Videos
  - (d) Creating Slides

**Part B**

(5 × 5 = 25)

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

11. (a) How would you use ICT tools to enhance student engagement in classroom? (CO1, K3)

Or

- (b) Show how online platforms like SWAYAM can be integrated into regular classroom instruction.

(CO1, K3)

12. (a) Examine the advantages and limitations of OERs in comparison with traditional textbooks. (CO2, K4)

Or

- (b) Compare the features of LMS platforms Moodle and Google and classroom. (CO2, K4)

13. (a) Critically evaluate blended learning as a suitable model for Indian classrooms. (CO3, K5)

Or

- (b) Assess the suitability of the TPACK framework for teacher professional development programs. (CO3, K5)

14. (a) Develop a framework for integrating AI tools in regular classrooms. (CO4, K6)

Or

- (b) Create a step-by-step action plan to prevent cyber bullying among adolescents. (CO4, K6)

15. (a) Critically examine the impact of presentation tools on student engagement and learning outcomes. (CO5, K5)

Or

- (b) Evaluate the importance of digital literacy for teachers in 21<sup>st</sup> Century classrooms. (CO5, K5)

**Part C**

(5 × 8 = 40)

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

16. (a) Evaluate the impact of different stages in the evolution of educational Technology on teaching learning practices. (CO1, K5)

Or

- (b) Critically assess the role of ICT in achieving the objectives of NEP 2020 in higher education. (CO1, K5)

17. (a) Analyse the advantages and limitations of MOOC's compared to traditional classroom instruction. (CO2, K4)

Or

- (b) Examine the key features of educational portals and analyse their contribution to teaching. (CO2, K4)

18. (a) Critically examine the challenges involved in designing online courses for diverse learners. (CO3, K5)

Or

- (b) Analyse whether inclusive e-learning design ensures equity in education. (CO3, K5)

19. (a) Propose a plan for introducing Augmented Reality and Virtual Reality technology in school. Mention the required resources and expected outcomes. (CO4, K6)

Or

- (b) Create a student support strategy using features of BYJU's and Khan Academy to promote self-paced learning. (CO4, K6)

20. (a) Critically assess the role of professional learning communities in promoting collaborative professional development. (CO5, K5)

Or

- (b) Evaluate the effectiveness of ICT initiatives introduced by UGC and NCERT in improving education. (CO5, K5)
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**R4733**

**Sub. Code**

**25MED2C4**

**M.Ed. DEGREE EXAMINATION, APRIL – 2026**

**Second Semester**

**Education**

**TEACHER EDUCATION IN THE CONTEMPORARY  
INDIAN SOCIETY**

**(CBCS – 2025 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. In ancient India, education was mainly imparted through the: (CO1, K1)
  - (a) Monitorial system
  - (b) Gurukul system
  - (c) Modern school system
  - (d) Distance education system
  
2. Education and society are: (CO1, K2)
  - (a) Independent of each other
  - (b) Interrelated and interdependent
  - (c) Opposed systems
  - (d) Unconnected institutions

3. Modernization in education emphasizes: (CO2, K1)
- (a) Traditional methods only
  - (b) Rural Isolation
  - (c) Religious dominance
  - (d) Scientific and technological advancement
4. Social equity in education ensures: (CO2, K2)
- (a) Equal treatment without considering needs
  - (b) Fair opportunities based on individual needs
  - (c) Discrimination
  - (d) Elite schooling
5. Quality assurance in teacher education mainly ensures: (CO3, K1)
- (a) Maintenance of Standards
  - (b) Increased Admissions
  - (c) Reduced curriculum
  - (d) Political control
6. Gender issues in education mainly deal with: (CO3, K2)
- (a) Infrastructure problems
  - (b) Equality and access
  - (c) Examination reforms
  - (d) Curriculum length

7. The National Curriculum Framework for Teacher Education highlighted: (CO3, K2)
- (a) Rote learning
  - (b) Modern Education
  - (c) Reflective practice
  - (d) Commercialization
8. The National Council of Educational Research and Training (NCERT) is responsible for: (CO4, K1)
- (a) Teacher recruitment
  - (b) Curriculum and textbook development
  - (c) Judicial reforms
  - (d) Industrial policy
9. Blended learning combines: (CO5, K2)
- (a) Online and face-to-face learning
  - (b) Lecture and exam only
  - (c) Books and homework
  - (d) Theory and punishment
10. Lifelong learning for teachers emphasizes: (CO5, K2)
- (a) One-time training
  - (b) Continuous professional development
  - (c) Retirement planning
  - (d) Administrative promotion

**Part B**

(5 × 5 = 25)

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

11. (a) Show how education acts as an instrument of social change. (CO1, K3)

Or

- (b) Illustrate the role of a teacher in promoting societal development. (CO1, K3)

12. (a) Examine how modernization and urbanization have influenced educational practices. (CO2, K4)

Or

- (b) Discuss the role of teachers in promoting inclusive education. (CO2, K4)

13. (a) Analyze the impact of privatization and commercialization on teacher education. (CO3, K4)

Or

- (b) Analyze how technological changes have transformed teacher roles. (CO3, K4)

14. (a) Assess the effectiveness of regulatory bodies like NCTE in ensuring quality standard of teacher education programme. (CO4, K5)

Or

- (b) Evaluate the impact of national and global standards on teacher preparation. (CO4, K5)

15. (a) Evaluate the effectiveness of technology-driven teacher education models. (CO5, K5)

Or

- (b) Critically examine whether AI can replace traditional teacher training methods. (CO5, K5)

**Part C**

(5 × 8 = 40)

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

16. (a) Analyze the evolution of teacher education from ancient to contemporary period. (CO1, K4)

Or

- (b) Examine the relationship between education and society with suitable examples. (CO1, K4)

17. (a) Critically examine the effectiveness of teacher education in addressing cultural diversity. (CO2, K5)

Or

- (b) Evaluate the importance of education for sustainable development in the present context. (CO2, K5)

18. (a) Evaluate the effectiveness of accreditation systems in ensuring quality teacher education. (CO3, K5)

Or

- (b) Evaluate the role of teacher education in addressing gender inequality. (CO4, K5)

19. (a) Create a model for integrating research, internship, and ICT in the 4-year B.Ed. programme. (CO4, K6)

Or

- (b) Design a teacher education curriculum aligned with NEP 2020 provisions. (CO4, K6)

20. (a) Develop a model framework for competency-based teacher preparation. (CO5, K6)

Or

- (b) Propose innovative strategies to prepare teachers for digital and global classrooms. (CO5, K6)
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**R4734**

**Sub. Code**

**25MED2E2**

**M.Ed. DEGREE EXAMINATION, APRIL – 2026**

**Second Semester**

**Education**

**Elective – CURRICULUM STUDIES**

**(CBCS – 2025 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 term Curriculum is derived from the Latin word:  
(CO1, K1)
  - (a) Pedagogy
  - (b) Currere
  - (c) Educare
  - (d) Educere
  
2. Inert Curriculum refers to (CO1, K1)
  - (a) Learning by doing
  - (b) Experiential learning
  - (c) Theoretical Bookish learning
  - (d) Cooperative learning

3. Psychological basis of curriculum emphasizes: (CO2, K2)
- (a) Political ideology
  - (b) Economic growth
  - (c) Learner's interests and abilities
  - (d) Religious values
4. School Education curriculum is framed by: (CO2, K2)
- (a) UGC
  - (b) NCTE
  - (c) NCERT
  - (d) SCERT
5. Activity-centered curriculum is based on the principle of: (CO3, K2)
- (a) Memorization
  - (b) Learning by doing
  - (c) Lecture method
  - (d) Standardized testing
6. Tyler's model is also known as: (CO3, K1)
- (a) Grassroots model
  - (b) Objective mode
  - (c) Futuristic model
  - (d) Situational model

7. Outcome-Based Education (OBE) focuses mainly on:  
(CO4, K4)
- (a) Teaching methods
  - (b) Learning outcomes
  - (c) Teacher autonomy
  - (d) Content coverage
8. Inclusion of children with disabilities in learning experiences reflects the principle of:  
(CO4, K2)
- (a) Exclusion
  - (b) Segregation
  - (c) Inclusive education
  - (d) Elitism
9. The main advantage of centralized curriculum is:  
(CO5, K1)
- (a) Flexibility
  - (b) Uniform standards
  - (c) Local adaptation
  - (d) Teacher autonomy
10. One major issue in curriculum implementation is:  
(CO5, K2)
- (a) Teacher uniformity
  - (b) Diversity in teacher competence
  - (c) Equal infrastructure everywhere
  - (d) Lack of subjects

**Part B**

(5 × 5 = 25)

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

11. (a) Analyze the relationship between objectives, content, and evaluation in curriculum construction. (CO1, K4)

Or

- (b) Compare curriculum as product and curriculum as process. (CO1, K4)
12. (a) Analyze the difference between subject-centered and learner-centered curriculum with suitable illustration. (CO2, K4)

Or

- (b) Examine how managerial systems approach differs from academic approach. (CO2, K4)
13. (a) Apply Taylors model to design the learning objectives for a lesson for any content of your Pedagogical Subject. (CO3, K3)

Or

- (b) Apply the Need Assessment model in designing the teacher education programme. (CO3, K3)
14. (a) Analyze the impact of teacher competence diversity on curriculum implementation. (CO4, K4)

Or

- (b) Examine the problem of curriculum load and its consequences on learners. (CO4, K4)

15. (a) Evaluate the Positive and Negative Impacts of globalization on Education. (CO5, K5)

Or

- (b) Assess the role of Education in promoting equity and social justice with suitable illustration. (CO5, K5)

**Part C**

(5 × 8 = 40)

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

16. (a) Critically examine whether curriculum as product is suitable for modern education. (CO1, K5)

Or

- (b) Appraise the role of philosophical foundations with suitable illustration in determining curriculum objectives. (CO1, K5)

17. (a) Develop a School curriculum that promotes activity centered learning for secondary education for your optional or pedagogical subject. (CO2, K6)

Or

- (b) Create a teacher education curriculum that promotes conservation of sustainable environment. (CO2, K6)

18. (a) Design a Curriculum development plan integrating Tyler and Taba Models with illustration. (CO3, K6)

Or

- (b) Construct an Outcome based curriculum model for secondary school Science / Maths/ English / Tamil. (for any one of the school subject). (CO3, K6)

19. (a) Assess the effectiveness of NCF in addressing curriculum-related challenges. (CO4, K5)

Or

- (b) Evaluate the role of teachers as curriculum developers rather than mere implementers. (CO4, K5)

20. (a) Design a teacher education module incorporating multicultural and inclusive practices. (CO5, K6)

Or

- (b) Create strategies for integrating sustainable development goals into school education. (CO5, K6)
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**R5091**

**Sub. Code**

**741401/742401**

**M.Ed. DEGREE EXAMINATION, APRIL – 2026**

**Fourth Semester**

**Education**

**PEACE AND VALUE EDUCATION**

**(Common for M.Ed. (Dept/College))**

**(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. Who advocated pacifism? (CO1, K1)
  - (a) Jawaharlal Nehru
  - (b) Dyer
  - (c) Leo Tolstoy
  - (d) Rajagopalachari
  
2. To prepare the world for children and youth making it better, healthy, safe, peaceful and united is the only aim of (CO1, K2)
  - (a) Peace education
  - (b) Higher Education
  - (c) Law Education
  - (d) Conflict Education

3. The full form of UNEP is (CO2, K2)
- (a) United Nations Educational Programme
  - (b) United Nations Economic Programme
  - (c) United Nations Environment Project
  - (d) United Nations Environment Programme
4. The term 'peace' mean (CO2, K1)
- (a) The rejection of weapons of mass destruction.
  - (b) The absence of conflict.
  - (c) The absence of conflict plus the existence of dialogue, understanding and cooperation
  - (d) The rejection of peace at a time
5. Empowering the person's will to do good is exercising in him called (CO3, K2)
- (a) Fullness of truth
  - (b) Rationalization
  - (c) Love and fairness
  - (d) Freedom and responsibility
6. Why does the Values Education class need a democratic learning? (CO3, K2)
- (a) To develop teacher's self confidence
  - (b) To develop the right values
  - (c) To exclude the wrong values
  - (d) To achieve the real dialogue about issues

7. In which of these cases, does peer pressure become most critical? (CO4, K2)
- (a) When parents disapprove with the peers of his/her child
  - (b) When the parents are un aware of their child's peer
  - (c) When the adolescent blindly gives in to peer pressure
  - (d) When the peer values contradict with the pare
8. Why is getting in touch with oneself an essential step in self-development? (CO4, K1)
- (a) It provides whether other's observations about oneself are true or not
  - (b) It controls oneself with respect to resisting temptation
  - (c) It imagines various facets of one's decisions
  - (d) It relates more effective with one's thoughts, feelings, desires and goals
9. What is the school's ethical responsibility? (CO5, K1)
- (a) Respect and concern for elders and other members of the family
  - (b) Fidelity to spouse
  - (c) Vigilance against fraudulent activities
  - (d) Advocacy to marriage annulment and divorces
10. A person who has reached the highest level of self-reliance. (CO5, K1)
- (a) Displays self reliance when working
  - (b) Encourage others to practice self reliance
  - (c) Feels the non importance of self reliance
  - (d) Shares what she/he knows and practices about self reliance

**Part B**

(5 × 5 = 25)

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

11. (a) What are the main objectives of peace education?  
(CO1, K2)

Or

- (b) Briefly explain any two institutions of peace education with its objectives.  
(CO1, K2)

12. (a) What is the role of Amnesty International and International committee of Red cross in the maintenance of inner peace?  
(CO2, K4)

Or

- (b) Describe the purpose of creation of UNEP and UNO.  
(CO2, K3)

13. (a) Bring out the importance of teaching approaches to inculcate values in curricular setup.  
(CO3, K4)

Or

- (b) List out the classification of values and explain it in detail.  
(CO3, K3)

14. (a) Write down the significance of values.  
(CO4, K2)

Or

- (b) Discuss the term integrity and commitment with examples.  
(CO4, K4)

15. (a) Explain about self resilience and altruism.  
(CO5, K4)

Or

- (b) Write short notes on self analysis and introspection.  
(CO5, K2)

**Part C**

(5 × 8 = 40)

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

16. (a) Enumerate the challenges encountered by humans in the modern world. (CO1, K5)

Or

- (b) Explain the different approaches of peace in detail. (CO1, K4)

17. (a) Discuss the development of India's peace education. (CO2, K2)

Or

- (b) Select any one of the recent conflict and suggest the ways and means to solve it through peace education. (CO2, K6)

18. (a) Elaborately discuss about the need of value education. (CO3, K2)

Or

- (b) Explain the role of teachers, parents and mass media in fostering values among children. (CO3, K4)

19. (a) Bring out the importance of constitutional values to human kind. (CO4, K2)

Or

- (b) Discuss how will you inculcate environmental ethical values among people. (CO4, K3)

20. (a) Describe the harmony of human being in one's personality development. (CO5, K3)

Or

- (b) Family act as a basic unit of human interaction and values in relationships. Justify your answer. (CO5, K4)
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**R5092**

**Sub. Code**

**741402/742402**

**M.Ed. DEGREE EXAMINATION, APRIL – 2026**

**Fourth Semester**

**Education**

**ECONOMICS OF EDUCATION  
(Common for M.Ed. (Dept / College)  
(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. NCEE Stands for (CO1, K1)
  - (a) National Council of Environmental Education
  - (b) National Council of Environmental of Engineering
  - (c) National Council of Economic of Education
  - (d) National Council of Enforcement Engineering
  
2. Who is called the Father of Economics? (CO1, K1)
  - (a) J.S Mill
  - (b) Edwin Cannan
  - (c) A.C Pigou
  - (d) Adam Smith
  
3. Which is the role of education in the process of National Development (CO2, K2)
  - (a) Increasing the Production
  - (b) Development of human resources
  - (c) Development of democratic values
  - (d) All the above

4. GDP Means (CO2, K2)
- (a) Gross Domestic Product
  - (b) Gender Disparity Power
  - (c) Gross Display Product
  - (d) Gender Divide Power
5. Which is called as “Forgone earnings”? (CO3, K2)
- (a) Direct Cost
  - (b) Opportunity Cost
  - (c) Fixed Cost
  - (d) Capital Cost
6. Average Cost is (CO3, K2)
- (a)  $AC = TC \times N$       (b)  $AC = N/TC$
  - (c)  $AC = TC/N$       (d) None
7. Which of the following agencies is responsible for computing the National Income statistics in India? (CO4, K2)
- (a) Reserve Bank of India
  - (b) Central statistical officer
  - (c) Ministry of finance
  - (d) Planning commission
8. \_\_\_\_\_ is also known as working capital ratio? (CO4, K1)
- (a) Quick ratio
  - (b) Liquid ratio
  - (c) Debt – equity ratio
  - (d) current ratio
9. Good planning requires (CO5, K1)
- (a) Future Objectives
  - (b) Good vision
  - (c) Perception and ability
  - (d) All the above

10. Which of the following is an example of an agricultural price support program? (CO5, K2)
- (a) A price Ceiling
  - (b) A price floor
  - (c) Equilibrium Pricing
  - (d) None of the above

**Part B**

(5 × 5 = 25)

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

11. (a) Write short notes on emerges of Economics of Education (CO1, K2)

Or

- (b) Describe the scope of economics of education (CO1, K2)

12. (a) Short notes on Education and National Development (CO2, K3)

Or

- (b) Briefly explain the education and the distribution of income. (CO2, K4)

13. (a) Write short notes on opportunity, fixed and valuable cost. (CO3, K3)

Or

- (b) Briefly explain the problems in measurement of benefits of cost of education. (CO3, K4)

14. (a) Write briefly about public and private partnership in education. (CO4, K2)

Or

- (b) Describe the standard of living schooling and education. (CO4, K3)

15. (a) Describe the concept of Education and employment.  
(CO5, K2)

Or

- (b) Write short notes on Education and External migration.  
(CO5, K2)

**Part C**

(5 × 8 = 40)

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

16. (a) Broadly explain the nature of economic of education  
(CO1, K4)

Or

- (b) Explain the need of economics of education.  
(CO1, K4)

17. (a) Explain the concept of Education with population  
(CO2, K4)

Or

- (b) Write an essay about Education and Economic Growth.  
(CO2, K3)

18. (a) Explain the term social cost and Private Cost.  
(CO3, K2)

Or

- (b) Briefly explain the components of determinants of Cost of Education.  
(CO3, K4)

19. (a) Explain the concept of Human Development Index.  
(CO4, K4)

Or

- (b) Write an essay about Privatization of Education.  
(CO4, K2)

20. (a) Write an essay about Education and Labour Market.  
(CO5, K2)

Or

- (b) Broadly explain about Education and Internal Migration.  
(CO5, K2)

**R5093**

**Sub. Code**

**741403/742403**

**M.Ed. DEGREE EXAMINATION, APRIL – 2026**

**Fourth Semester**

**Education**

**INSTRUCTIONAL STRATEGIES**

**(Common for M.Ed. (Dept/College))**

**(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. Instructional technology is concerned with \_\_\_\_\_  
(CO1, K1)
  - (a) Teaching-learning process
  - (b) Curriculum and instruction
  - (c) Instructional design and development
  - (d) Pedagogical practices
  
2. When instructional designers utilize both hard and soft technology, what Bloom's taxonomy level is most associated with this practice? (CO1, K1)
  - (a) Creating
  - (b) Applying
  - (c) Understanding
  - (d) Remembering

3. Which instructional model is primarily associated with emphasizing self-directed learning and problem-solving skills? (CO2, K2)
- (a) Behaviorism            (b) Constructivism  
(c) Cognitivism            (d) Humanism
4. What is a key aspect of the evolution of computer-aided educational delivery systems in instructional development? (CO2, K1)
- (a) Analyzing job-related activities  
(b) Creating innovative solutions  
(c) Assessing instructional outcomes  
(d) Utilizing innovations in telecommunications
5. Which theorist is associated with the development of the “Stimulus-Response” theory and the concept of reinforcement in behaviourism? (CO3, K1)
- (a) Thorndike            (b) Skinner  
(c) Bloom            (d) Tyler
6. Which theorist is connected with the development of the taxonomy of educational objectives? (CO3, K2)
- (a) Tyler            (b) Thorndike  
(c) Bloom            (d) Skinner
7. What is the primary focus of the ADDIE Model in instructional development? (CO4, K1)
- (a) Analyzing learner characteristics  
(b) Designing instructional materials  
(c) Assessing instructional outcomes  
(d) Systematic process of instructional design

8. What does the acronym ARCS stand for in John Keller’s motivational model? (CO4, K1)
- (a) Analyzing, Reflecting, Connecting, Sustaining
  - (b) Attention, Relevance, Confidence, Satisfaction
  - (c) Attention, Retention, Confidence, Satisfaction
  - (d) Analysis, Reflection, Connection, Success
9. What is the primary focus of Kirkpatrick’s Four-level model of evaluation? (CO5, K1)
- (a) Learner motivation
  - (b) Program cost analysis
  - (c) Training effectiveness
  - (d) Curriculum development
10. When constructing “Smile Sheets,” what is essential to ensure effective evaluation? (CO5, K1)
- (a) Lengthy and complex questions
  - (b) Ambiguous language
  - (c) Clear and specific wording
  - (d) Including subjective opinions

**Part B**

(5 × 5 = 25)

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

11. (a) Describe the historical development of instructional technology. (CO1, K2)

Or

- (b) Write a note on the utilization of hard and soft technology in instructional design. (CO1, K1)

12. (a) Explain the role of job and task analysis in instructional development. (CO2, K4)

Or

- (b) Examine the relationship between learning situations and instructional models. (CO2, K4)

13. (a) Give an account of the evolution of human performance technology as a foundational theory for instructional development. (CO3, K1)

Or

- (b) Examine the contributions of Thorndike to learning theories in instructional development. (CO3, K4)

14. (a) Describe the key steps involved in the systematic process of instructional design. (CO4, K2)

Or

- (b) How does Robert Mager's method of preparing instructional objectives aid instructional designers in aligning learning outcomes with instructional strategies? Explain. (CO4, K4)

15. (a) Elaborate on the significance of conducting systematic and systemic evaluation in instructional programs. (CO5, K2)

Or

- (b) When constructing "Smile" Sheets measurement scales, what factors should be considered to ensure accurate and meaningful feedback? Describe. (CO5, K3)

**Part C**

(5 × 8 = 40)

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

16. (a) Elaborate the complex process of instructional systems design. (CO1, K2)

Or

- (b) Evaluate the importance of linking means to ends in instructional design with examples. (CO1, K5)

17. (a) What are the advantages and challenges associated with integrating technology into educational delivery, and how has it shaped the landscape of modern instruction? Explain. (CO2, K4)

Or

- (b) Analyze the factors influencing the utilization of instructional resources in detail. (CO2, K4)

18. (a) Explain how instructional designers can leverage the interconnected theories of learning, behavioural change, and human performance technology to create effective learning experiences. (CO3, K4)

Or

- (b) Write an essay on the impact of Skinner's behaviourism on instructional development. (CO3, K2)

19. (a) How does the ADDIE Model provide a systematic and iterative approach to instructional development? Explain. (CO4, K4)

Or

- (b) Write a detailed account of the significance of training needs assessment in instructional development. (CO4, K1)

20. (a) How does Kirkpatrick's Four-level model of evaluation adapt to different learning environments, and what modifications or enhancements could be suggested for its broader applicability? Support your arguments with suitable examples. (CO5, K4)

Or

- (b) Examine the significance of different response modes in instructional evaluation in detail. (CO5, K4)

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**R5094**

**Sub. Code**

**741511/742511**

**M.Ed. DEGREE EXAMINATION, APRIL – 2026**

**Fourth Semester**

**Education**

**Elective – OPEN AND DISTANCE LEARNING**

**(Common for M.Ed. (Dept/College))**

**(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 term 'open' generally refers to (CO1, K2)
  - (a) people, place, new methods and ideas
  - (b) methods, machines, media and people
  - (c) ideas, machines, mechanisms and interest
  - (d) concepts, students, methods and place
  
2. \_\_\_\_\_ has widened the scope of Educational Technology. (CO1, K1)
  - (a) Techno-pedagogy
  - (b) Communication technology
  - (c) Digital literacy
  - (d) Technical knowledge

3. E-learning environment includes (CO2, K1)
- (a) Concept, collaboration and live workshops
  - (b) Concept, collaboration and live chats
  - (c) Stimulations, collaborations and workshops
  - (d) Stimulations, simulation and live workshops
4. The following are identified as trends in online learning. (CO2, K2)
- (a) Convergence, Modern Curriculum, Technology integration and flexibility
  - (b) Interactions, live classroom experience, projected objectives and media
  - (c) Connectivity, comfortability, flexibility and divisibility
  - (d) Convergence, openness, interactivity and diversifications
5. \_\_\_\_\_ is one of the programmes not permitted to be offered in distance mode as per UGC (ODL & OL programme) regulations 2020 and amendments. (CO3, K2)
- (a) Diploma course
  - (b) Certificate course
  - (c) Philosophy
  - (d) Physiotherapy
6. Target group is specific and the layout is more open with wide margins are the nature of \_\_\_\_\_. (CO3, K2)
- (a) E-content
  - (b) Graphical representation
  - (c) Self-learning materials
  - (d) e-resources

7. The main purpose of continuous assessment in the distance education system is to provide \_\_\_\_\_ to the students. (CO4, K2)
- (a) Appraisal (b) Reinforcement  
(c) Regular feedback (d) Suggestion
8. The following is/are a few of the benefits of the personal contact programme in distance education. (CO4, K1)
- (a) To impart knowledge and insight into the concept of the subject  
(b) To provide encouragement, guidance, reinforcement and feedback to the study  
(c) To provide suitable opportunities to discuss the seek clarification of their learning difficulties  
(d) All the above
9. \_\_\_\_\_ defines “distance education as an educational process and system in which all or a significant proportion of the teaching is carried out by someone or something removed in space and time from the learner”. (CO5, K2)
- (a) Higher Educational Commission  
(b) National Education Policy (2019)  
(c) United Nations Educational, Scientific and Cultural Organization  
(d) National Institute of Educational Planning and Administration

10. National Commission for Higher Education and Research is a consortium of around \_\_\_\_\_ bodies that undertake the promotion, co-ordination and quality maintenance task of distance education in India.

(CO5, K1)

- (a) Eleven                      (b) Twelve  
(c) Thirteen                  (d) Fourteen

**Part B**

(5 × 5 = 25)

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

11. (a) Write short notes on Distance Education in India.

(CO1, K2)

Or

(b) Write the present status of distance education.

(CO1, K2)

12. (a) Describe about hardware and software of computer.

(CO2, K2)

Or

(b) Write short notes on social engineering and operational control.

(CO2, K2)

13. (a) Describe about student support service in distance education.

(CO3, K3)

Or

(b) Write short notes on program for women through distance education.

(CO3, K2)

14. (a) Describe the programme evaluation of distance education. (CO4, K3)

Or

- (b) Write best practices of EFLU. (CO4, K2)

15. (a) Short notes on open university in India. (CO5, K2)

Or

- (b) Describe the agencies and recognition in Distance Education. (CO5, K3)

**Part C** (5 × 8 = 40)

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

16. (a) Explain the issues in Distance Education. (CO1, K4)

Or

- (b) Describe the Global context of Distance Education. (CO1, K2)

17. (a) Describe the issues and challenges of ICT in open distance learning. (CO2, K3)

Or

- (b) Describe about the security infrastructure and service compatibility. (CO2, K3)

18. (a) Explain about the technical and vocational programme through distance education. (CO3, K4)

Or

- (b) Explain the counselling methods in Distance Education. (CO3, K4)

19. (a) Describe the best practices of SYMBIOSIS in distance learning. (CO4, K3)

Or

- (b) Explain the mechanism for maintenance of standards in Distance Education. (CO4, K4)

20. (a) Explain the learning management system in TNOU. (CO5, K4)

Or

- (b) Explain the role of learning centres in Distance Education. (CO5, K4)

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