

R8485

Sub. Code

**741201/
742201**

M.Ed. DEGREE EXAMINATION, APRIL – 2023

Second Semester

Education

ADVANCED EDUCATIONAL STATISTICS

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

(CBCS – 2022 onwards)

Time : 3 Hours

Maximum : 75 Marks

Section A

(10 × 1 = 10)

Answer **all** questions.

1. What can statistics do?
 - (a) Prove anything
 - (b) Disprove anything
 - (c) Neither prove nor disprove anything is just a tool
 - (d) All the above

2. Which one of these statistics is unaffected by outliers?
 - (a) Mean
 - (b) Interquartile range
 - (c) Standard deviation
 - (d) Range

3. Absolute Zero point exists in
(a) Nominal Scale (b) Interval scale
(c) Ordinal Scale (d) Ratio Scale
4. List of 5 pulse rates is 70, 64, 80, 74, 92. What is the median for this list?
(a) 74 (b) 76
(c) 80 (d) 92
5. Which of the following would indicate that a dataset is not bell-shaped?
(a) Range is equal to 5 standard deviations
(b) Range is larger than the interquartile range
(c) Mean is much smaller than the median
(d) There are no outliers
6. Find the arithmetic mean of the set of data : 6, 1, 5, 8 and 10
(a) 10 (b) 6
(c) 1 (d) 5
7. Which of the following is a method of collection of primary data?
(a) Direct personal Interview
(b) Indirect personal interview
(c) Direct observation
(d) All of the above
8. Hypothesis testing is the main concept of which type of research?
(a) Experimental research
(b) Historical research
(c) Survey research
(d) Case study research

9. For testing goodness of fit, which test should be applied
(a) Z test (b) Chi-square test
(c) t-test (d) All the above
10. The standard error of regression analysis is known as
(a) Average of coefficient
(b) Error variance
(c) Mean of residual
(d) Average of residual

Section B

(5 × 5 = 25)

Answer **all** questions, choosing either (a) or (b).

11. (a) Explain the different types of scale of measurement in the context of Educational Research.

Or

- (b) Enumerate on Measures of Central Tendency.

12. (a) Enumerate on Measures Variability.

Or

- (b) Calculate the rank order coefficient correlation between the two sets of scores given below.

Set I 1 5 4 6 3 2 7 9 10 8

Set II 2 3 5 4 6 1 7 8 9 10

13. (a) Explain the various types and forms of hypothesis with suitable examples.

Or

- (b) Mode is not considered for calculation mean deviation – Justify.

14. (a) Explain the characteristics and applications Chi-square test.

Or

- (b) Calculate the mean and Median for the following data.

Scores	14	28	33	30	20	15	12	18
Frequency	20-25	25-30	30-35	35-40	40-45	45-50	50-55	55-60

15. (a) Enumerate the Properties of Normal Distribution Curve.

Or

- (b) Explain the different types of correlation with suitable diagrammatic illustration.

Section C

(5 × 8 = 40)

Answer any **five** questions.

16. Suggest a format of research proposal on an educational research topic.
17. Describe range and it's applications.
18. Explain the applications of SPSS in educational research.
19. Give an example for positive correlation.
20. Explain the characteristics and applications of Normal Probability Curve.
21. Explain in detail about web based resources.
22. Describe on application of statistical packages in educational research.
23. Explain the various diagrams and graphs that can be used in research report.

R8486

Sub. Code

741202/

742202

M.Ed. DEGREE EXAMINATION, APRIL – 2023

Second Semester

Education

INCLUSIVE EDUCATION

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

(CBCS – 2022 onwards)

Time : 3 Hours

Maximum : 75 Marks

Part A

(10 × 1 = 10)

Answer **all** questions.

1. Which of the following is the aim of inclusive education?
 - (a) To promote education for all diverse students
 - (b) Provide education support and respect to children with disability
 - (c) Provide socially improved environment for children with disabilities
 - (d) Provide equal opportunities to economically backward section

2. Expansion of RTE is
 - (a) Right to Teacher Education
 - (b) Right of children to free and compulsory education
 - (c) Right of towards Education
 - (d) Right Technical Education

3. International year of the disabled was observed in the year
- (a) 1971
 - (b) 1980
 - (c) 1991
 - (d) 1981
4. IEP is related to _____ approach
- (a) Subject Specific
 - (b) Content Specific
 - (c) Child Centered
 - (d) Activity Based
5. In the present day context the service paradigm Focuses on
- (a) Individual
 - (b) Family
 - (c) Community
 - (d) Human Rights

6. What is the expanded form of UNCRPD?
- (a) United National Classroom on the Rights of Persons with Disability
 - (b) United National Convention on the Rights of People with Disability
 - (c) United National Convention on the Rights of Persons with Disability
 - (d) United National Convention on the Rights of Persons with Difficulty
7. Deficiency in the ability to write, associated with impaired handwriting, is a symptom of
- (a) Dysgraphia
 - (b) Dyscalculia
 - (c) Dyslexia
 - (d) Dysphasia
8. Inclusion in schools primarily focuses on
- (a) Including the educational needs to illiterate parents in schools
 - (b) Fulfilling the needs of children with disabilities only
 - (c) Meeting the need of the disabled child at the expense of entire class
 - (d) Making delicate provisions for special category children

9. Making delicate provisions for special category children
- (a) Autism
 - (b) Cerebral Palsy
 - (c) Past traumatic stress
 - (d) Attention Deficit Hyperactivity Disorder
10. Which of the following is the most appropriate method to monitor the progress of children with disabilities
- (a) Case study
 - (b) Anecdotal record
 - (c) Behavior rating scale
 - (d) Structured behavioral Observation

Part B

(5 × 5 = 25)

Answer **all** questions, choosing either (a) or (b).

11. (a) Differentiate Inclusive Education and Special Education.

Or

- (b) Discuss the Salamanca statement 1994 and framework for action on Special Needs Education.

12. (a) How do you ensure physical, academic and social access in an inclusive school.

Or

(b) Describe the role and responsibilities of Rehabilitation Council of India.

13. (a) Government provide education for the deprived section - Discuss.

Or

(b) Explain the advantages of inclusive education in the context of RTE.

14. (a) Discuss the historical perspective of inclusive education in India.

Or

(b) Discuss the remedial measures for the children with hearing and visual disabilities.

15. (a) Explain the contribution and implications assistive technology.

Or

(b) Discuss the unique characteristics on Scheme of integrated education for disabled children.

Part C

(5 × 8 = 40)

Answer any **five** questions.

16. Elaborately discuss the Concept and importance of Inclusive education.

17. Explain the mental retardation and multiple disabilities act 1999.

18. Discuss the importance of inclusive education on disabled at secondary stage.
 19. Discuss the various Acts and frameworks supporting inclusive education globally.
 20. Enumerate the role of teacher working in inclusive settings.
 21. Discuss the relationship between gifted and mentally challenged children.
 22. Explain the managerial skills for mobilizing appropriate resources.
 23. Describe the creating conducive environment in inclusive schools.
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R8487

Sub. Code

**741203/
742203**

M.Ed. DEGREE EXAMINATION, APRIL – 2023

Second Semester

Education

ADVANCED EDUCATIONAL TECHNOLOGY

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

(CBCS – 2022 onwards)

Time : 3 Hours

Maximum : 75 Marks

Section A

(10 × 1 = 10)

Answer **all** questions.

1. _____ developed the concept Attainment Model.
(a) George A. Miller (b) Jerome Bruner
(c) John Watson (d) Williams James
2. Technology of Education is considered as _____ approach.
(a) Codeware (b) Software
(c) Hardware (d) Courseware
3. Artificial intelligence is the invention of
(a) First generation computer
(b) Fifth generation computer
(c) Second generation computer
(d) Third generation computer

4. The animation means
 - (a) Fixed one
 - (b) Illusion of movement in a sequence
 - (c) Alternative
 - (d) Still
5. E-learning is a
 - (a) Product
 - (b) Process
 - (c) Analysis
 - (d) Synthesis
6. Which of the following computer-based instructional materials can be used to learn new concepts?
 - (a) Games
 - (b) Tutorial
 - (c) Simulation
 - (d) Drill and Practice
7. Hard copy is
 - (a) Audio
 - (b) Video
 - (c) Information Printed
 - (d) Printed
8. The video Conferencing is an example of
 - (a) Synchronous e-learning
 - (b) Asynchronous e-learning
 - (c) Both
 - (d) Neither
9. The expansion of CCTV is
 - (a) Closed Circuit TV
 - (b) Circuit Closed TV
 - (c) Common Control TV
 - (d) Computer Connected TV

10. Which one of the following is an exclusive television channel for school education in India?
- (a) Gyan Dharshan (b) Edusat
(c) Ekalavya (d) Vyas

Section B

(5 × 5 = 25)

Answer **all** questions, choosing either (a) or (b).

11. (a) Discuss about the forms of Educational Technology.

Or

- (b) Explain the important areas of educational technology.

12. (a) Enumerate the concept and characteristics of multimedia technology.

Or

- (b) Explain about concept attainment model.

13. (a) Explain the nature and uses of models of teaching.

Or

- (b) Discuss the Flander's Interaction Analysis.

14. (a) Explain the importance of Television and CCTV in Education.

Or

- (b) Explain the Post-Production of video Programme.

15. (a) Explain the salient features of Teleconferencing.

Or

- (b) Explain the State and Central Government's Policies and Priorities for Technology Enhanced Learning.

Section C

(5 × 8 = 40)

Answer any **five** questions.

16. Elucidate the role of Technology in promoting 21st century skills among the learners.
 17. Discuss the different approaches in Educational Technology.
 18. Discuss the various aspects of System Approach.
 19. Explain the innovations in the area of Educational Technology.
 20. Discuss the Concept, Strengths and Limitations of Educational Video Programme.
 21. Delineate the strengths and limitations of Educational Radio.
 22. Discuss the role of the teacher in Technology Mediated Learning.
 23. Discuss the different Technology Enhanced Learning (TEL) initiatives in India.
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R8488

Sub. Code

741204/

742204

M.Ed. DEGREE EXAMINATION, APRIL-2023

Second Semester

Education

CONTEMPORARY TEACHER EDUCATION

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

(CBCS – 2022 onwards)

Time : 3 Hours

Maximum : 75 Marks

Section A

(10 × 1 = 10)

Answer **all** questions.

1. The NCTE was set up in the year _____
(a) 1995 (b) 1993
(c) 1986 (d) 1994
2. India's higher education system is the _____
Largest in the world
(a) Fourth (b) Third
(c) Second (d) Fifth
3. GER stands for
(a) Gross Employment Ratio
(b) Grand Employment Ratio
(c) Gross Education Ratio
(d) Gross Enrolment Ratio

4. Which teacher behaviors help in identifying an effective teacher?
- (a) Honesty and commitment
 - (b) Liking for professional excellence
 - (c) Ensure student learning and understanding
 - (d) Express satisfaction.
5. Which of the following is not a type of curriculum?
- (a) Competency based
 - (b) Subject oriented
 - (c) Core
 - (d) Student oriented
6. Secondary Education commission was appointed under whose chairmanship
- (a) Dr. A. Swami Mudaliar
 - (b) Dr. P. Swamiramana Mudaliar
 - (c) Dr. A. Lakshmanswami Mudaliar
 - (d) Dr. P. Swami Laxman Mudaliar
7. National Literacy Mission was established in
- (a) 1986 (b) 1987
 - (c) 1988 (d) 1989
8. School can be called a social agent because.
- (a) Transmits knowledge
 - (b) Educate about rights and duties
 - (c) Impacts knowledge about traditions and values
 - (d) Organizes various activities

9. During the British rule in India, who played the most significant role in making as a medium of education.
- (a) Macaulay (b) Dalhousie
(c) Curzon (d) William Bentinck
10. Which of these is an educational institutional resource?
- (a) Community (b) Village
(c) University (d) College

Section B

(5 × 5 = 25)

Answer **all** questions, choosing either (a) or (b).

11. (a) Enumerate the best practices in secondary teacher education in India.
- Or
- (b) Discuss the opportunities available for professional development of teachers.
12. (a) Explain the role of NCERT in teacher education.
- Or
- (b) Discuss the unique characteristics of workshop and seminar.
13. (a) Enumerate the structure of teacher education systems in India.
- Or
- (b) Discuss the different problems and issues of teacher education at present scenario.
14. (a) Discuss the types, procedure and theoretical basis of team teaching.
- Or
- (b) How can pre-service training of teachers in secondary teacher education programme be improved?

15. (a) Describe your views on advantages and disadvantages of privatization on Indian education.

Or

- (b) Enumerate the basic principles of curriculum construction.

Section C

(5 × 8 = 40)

Answer any **five** questions.

16. Explain the contribution of Kothari Committee to curriculum construction.
17. Enumerate the best practices in secondary teacher education in India.
18. Discuss the vertical mobility of a school teacher at secondary level.
19. Elaborate the concept of BRCs and CRCs.
20. Discuss the relationship between panel discussion and workshop.
21. Explain the roles and functions of any two apex bodies of higher education in curriculum Development.
22. 'NCTE ensures provision and maintenance of proper facilities at teacher education institutions' - Discuss.
23. Enumerate the TLM and its influences in the present school education.

R8489

Sub. Code
741506/742506

M.Ed. DEGREE EXAMINATION, APRIL – 2023

Second Semester

Education

GUIDANCE AND COUNSELLING

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

(CBCS – 2022 onwards)

Time : 3 Hours

Maximum : 75 Marks

Part A

(10 × 1 = 10)

Answer **all** questions.

1. The one who provides help in a counselling is called the
 - (a) Counsellor
 - (b) Counselee
 - (c) Therapist
 - (d) Consultant
2. Special population refer to
 - (a) A group of rich people
 - (b) A group of disadvantaged individual
 - (c) A group of marginalized children
 - (d) A group of tribes
3. If counseling service is to gain an understanding of oneself: Follow – up is to _____
 - (a) Keep in constant touch with former students
 - (b) Indicate what program may be improved
 - (c) Help the students in achieving the particular placement they desire
 - (d) Understand the world of work.

4. What kind of guidance service do the counselors perform when they schedule job fairing at the school?
- (a) Career information
 - (b) Occupational placement
 - (c) Educational placement
 - (d) Follow - up
5. For an effective non directive counselling session, which one the following will be most essential
- (a) Training of the counsellor
 - (b) Establishing a rapport with a client
 - (c) Expertise in using tests
 - (d) Conversational fluency
6. Which type of counseling cannot be utilized in institutions such as the school?
- (a) Directive (b) Non directive
 - (c) Eclectic (d) None of these
7. Which of the following is associated with career counseling?
- (a) B.F. Skinner (b) Holland
 - (c) L.R. Gray (d) John Wechsler
8. What is not the principle of Guidance?
- (a) Holistic development of individual
 - (b) Acceptance of individual needs
 - (c) Not a continuous process
 - (d) Recognition of individual needs and difference

9. Which of the following is a core skill in counseling?
- (a) Advising skill
 - (b) Conveying skill
 - (c) Emphatic understanding skill
 - (d) Listening skill
10. What is the ultimate aim of counseling for the individuals to attain?
- (a) Self – Knowledge (b) Self – direction
 - (c) Self – discovery (d) Self – understanding

Part B (5 × 5 = 25)

Answer **all** questions, choosing either (a) or (b).

11. (a) Explain the concept and areas in Guidance.
- Or
- (b) Difference between Guidance and Counseling.
12. (a) Discuss the Counseling its different principles.
- Or
- (b) Discuss the meaning and need of guidance in educational and vocational area.
13. (a) What do you know about Career Information? Also discuss Group Counseling.
- Or
- (b) Describe the role of guidance in elementary school levels.

14. (a) Elucidate the important steps in Group counseling.

Or

(b) Explain Social Cognitive career theory.

15. (a) Explain the factors that affect mental health.

Or

(b) Explain the rational emotive behaviour therapy.

Part C

(5 × 8 = 40)

Answer any **five** questions.

16. If you are appointed as a counselor in one school, which type of counseling, will you follow in counseling students? Express your views.

17. Explain the Nature, Principles and Scope of guidance.

18. Do you think children with giftedness need Guidance and Counseling? Justify your answers.

19. Differentiate Guidance and Counseling. Explain the importance of Guidance and Counseling in a Student's Life.

20. Elucidate the role of Counseling in Life Skills.

21. Explain the Holland's Model of Interest and its application in selection of Career.

22. Explain the Intervention Strategies used in Counseling.

23. Women and Children are vulnerable to HIV infection – Justify.