

SECOND SEMESTER M.Ed. DEGREE EXAMINATION, JUNE 2020

M.Ed.

MED 08—ADVANCED EDUCATIONAL RESEARCH AND STATISTICS

(2015 Admissions)

Time : Three Hours

Maximum : 80 Marks

Section I (Short Answer Type/Annotation Questions)I. Answer *all* questions. Each question carries 2 marks :

- 1 What is sociometric test ?
- 2 Define the term ethnography.
- 3 What is validity ?
- 4 What is sampling ?
- 5 What is meant by type-II error ?

(5 × 2 = 10 marks)

Section II (Short Essay Type / Problems)II Answer any *eight* questions out of twelve. Each questions carries 5 marks :

- 6 What are the principles governing in construction of a schedule ?
- 7 What is case study ? List its features.
- 8 Distinguish primary and secondary data.
- 9 How computers are used for data processing ?
- 10 What are the characteristics of qualitative research ?
- 11 What is nominal scale ? List its purpose.
- 12 What is difficulty and discrimination index ?
- 13 What are the characteristics of research report ?
- 14 What is meant by degrees of freedom ? How are they determined ?

Turn over

- 15 What is one- tailed and two -tailed tests ?
- 16 What problems arise during interviewing ?
- 17 Find out the Spearman rank order coefficient correlation for the following data :

X :	95	90	85	80	75
Y :	76	78	77	71	75

(8 × 5 = 40 marks)

Section III (Long Essay Type Problem)

III. Answer any *two* questions out of 4. Each question carries 15 marks :

- 18 What is hypothesis ? Explain the characteristics of good hypothesis.
- 19 Explain the Ex-Post Facto research design.
- 20 Describe the consideration and steps involved in planning report writing.
- 21 Explain the simple linear regression analysis.

(2 × 15 = 30 marks)

SECOND SEMESTER M.Ed. DEGREE EXAMINATION, JUNE 2020

M.Ed.

MED 05—HISTORY, SOCIOLOGY AND POLITICAL ECONOMY OF EDUCATION

(2017 Admissions)

Time : Three Hours

Maximum : 80 Marks

Part A*Answer all questions.**Each question carries 2 marks.*

1. How do the Political conditions influence the system of education ?
2. Enumerate the objectives of SSA.
3. Write any four recommendations of the University education committee.
4. Suggest measures to meet the challenges of Gender inequality.
5. Differentiate Enculturation and Acculturation.

(5 × 2 = 10 marks)

Part B*Answer any eight questions.**Each question carries 5 marks.*

6. What are the programmes implemented for Universalization of Education ?
7. Critically analyze the policies and commission reports on Education in post independence period.
8. Explain the role of education in uplifting the socially and culturally marginalized people.
9. What are the salient features of Islamic Education ?
10. What is socialization ? Discuss the role of teachers in the socialization of the child.
11. What are the thrust areas of curriculum design as envisaged in National Policy on Education 1986 ?
12. Explain the main factors influencing Social Change ?
13. Describe any four strategies to attain harmonious living in a diversified society.
14. Explain the role of family in identifying gender bias.

Turn over

15. 'Education is not only for the preservation and transmission of culture but it should also be for the transformation of the society'—Discuss.
16. 'One of the aims of Education is increasing productivity'. How can we realize such an aim ?
17. How would you frame a Gender fair curriculum? Illustrate with suitable examples.

(8 × 5 = 40 marks)

Part C

Answer any two questions.

Each question carries 15 marks.

18. What are the issues related to inequality and marginalization. Write the major issues and suggest measures to solve them.
19. How does political influence affect the educational funding in India? Explain with suitable examples.
20. Explain the relationship between culture and education with special reference to Indian situation.
21. 'Economic development of a country highly depends upon Education'—Explain.

(2 × 15 = 30 marks)

SECOND SEMESTER M.Ed. DEGREE EXAMINATION, JUNE 2020

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MED 06—PSYCHOLOGY OF INDIVIDUAL DIFFERENCES

(2017 Admissions)

Time : Three Hours

Maximum : 80 Marks

Part A*Answer all questions.**Each question carries 2 marks.*

1. Define Individual Difference.
2. If a person's mental age is 5 and chronological age is 4, find the person's IQ.
3. What are educational provisions for Gifted Learners ?
4. Define Personality.
5. Define Guidance.

(5 × 2 = 10 marks)

Part B*Answer any eight questions.**Each question carries 5 marks.*

6. Give the role of teacher as a Counselor.
7. Brief Transactional Analysis.
8. Give the classification of Learning Styles.
9. Differentiate Teaching Style with Learning Style.
10. Give the need and significance of Inclusive Education.
11. Give educational opportunities for visually impaired.
12. Differentiate Extrovert with Introvert.
13. Elaborate Spearman theory of intelligence.
14. Give the concept of Emotional Intelligence.
15. Give the classification of Intelligence Tests.

Turn over

16. Give the ways to cater Individual Differences.
17. Give the ways to cater Gender Differences.

(8 × 5 = 40 marks)

Part C

*Answer any two questions.
Each question carries 15 marks.*

18. Elaborate Structure of Intellect.
19. How to measure Personality with Thematic Apperception Test ?
20. Elaborate Freud's Theory of Personality.
21. Explain Educational, Vocational and Personal Guidance.

(2 × 15 = 30 marks)

SECOND SEMESTER M.Ed. DEGREE EXAMINATION, JUNE 2020

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MED 07—CURRICULUM DEVELOPMENT AND TRANSACTION

(2017 Admissions)

Time : Three Hours

Maximum : 80 Marks

Part A*Answer all questions.**Each question carries 2 marks.*

1. Write the four dimensions of hidden curriculum.
2. List out the essential requirements needed for the transaction of a curriculum.
3. What is meant by curriculum design ?
4. Specify the unique features of face to face curriculum transaction mode.
5. What is curriculum evaluation ?

(5 × 2 = 10 marks)

Part B*Answer any eight questions.**Each question carries 5 marks.*

6. What are the strategies adopted by curriculum practitioners in the preservation and transmission of culture ?
7. Briefly explain any 4 information processing skills.
8. Describe the significance of group activities in curriculum transaction. What are the major grouping techniques to be adopted by the teacher in our classrooms ?
9. Explain the significance of societal curriculum in digital era.
10. Explain the recommendations of MHRD with regard to various aspects of curriculum.
11. Discuss the significance of Hilda - Taba Model on curriculum development.
12. How curriculum acts as a means to ensure quality and equity ?
13. Write down the features of concomitant curriculum.
14. Discuss the role of social factors on curriculum evaluation.

Turn over

15. What are the pre requisites to be taken by the teacher while selecting appropriate learning experiences for curriculum transaction?
16. Discuss the role of student assessment in curriculum management.
17. Explain the significance of research experimentation in curriculum reforms.

(8 × 5 = 40 marks)

Part C

*Answer any two questions.
Each question carries 15 marks.*

18. Evaluate the salient features of humanistic approach and re constructivist approach for curriculum organization. What are its educational implications ?
19. Explain the significance of Tylers model curriculum planning with special reference to need analysis, selection, organization and evaluation.
20. Critically analyze the contributions of UGC and NCTE with regard to educational policies and recommendations on curriculum.
21. What is meant by curriculum management ? Explain the issues and challenges experienced by teachers with regard to curriculum implementation and evaluation.

(2 × 15 = 30 marks)

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MED 08—ADVANCED EDUCATIONAL RESEARCH AND STATISTICS

(2017 Admissions)

Time : Three Hours

Maximum : 80 Marks

I. Answer *all* questions. Each question carries 2 marks :

- 1 What do you mean by the concept 'degrees of freedom' ?
- 2 Explain the concept 'homoscedasticity' in research ?
- 3 Write any *four* advantages of 'checklist' ?
- 4 What is internal validity in qualitative research ?
- 5 Discuss Chi-square as a test of independence ?

(5 × 2 = 10 marks)

II. Answer any *eight* questions of twelve. Each question carries 5 marks :

- 6 Describe the advantages and disadvantages of observation technique in research ?
- 7 Distinguish between true experimental design and quasi experimental design ?
- 8 How inferential statistics is different from descriptive statistics specify with suitable illustrations ?
- 9 What is Ex-post facto research, specify with examples ?
- 10 Explain the concept of regression lines and regression equation ?
- 11 Mann-Whitney test can be used for testing the difference between population distributions. Validate this statement by taking theoretical support from the test ?
- 12 A random sample of 200 measurements from an infinite population gave a mean value of 50 and a standard deviation of 9. Determine the 95% confidence interval for the mean value of the population ?
- 13 Find out Pearson product moment correlation co-efficient for the following data :

X	63	35	45	74	85	95	98	77	56	29
Y	67	56	48	92	96	75	76	34	63	82

Turn over

- 14 Bring out the nature and characteristics of descriptive or normative survey research ?
- 15 Write a note on :
- Two tailed and one tailed testing.
 - Confidence interval.
- 16 Explain the procedure adopted for standardizing a research tool ?
- 17 What do you understand by the terms :
- Plagiarism.
 - APA Style of referencing.

(8 × 5 = 40 marks)

III. Answer any *two* questions out of four. Each question carries 15 marks :

- 18 120 boys and 80 girls were asked to respond to a rating scale as strongly agree, agree, undecided, disagree and strongly disagree and the responses are shown below :

Sex	SA	A	U	D	SD	Total
Boys :	22	18	32	16	12	100
Girls :	18	15	22	15	10	80

Do you think that the rating is independent of gender, if so reason out appropriately ?

- 19 An experiment is conducted to study the effectiveness of 3 methods : Lecture method, Multimedia instruction and blended learning method. In each group four students are assigned randomly. The obtained scores are given in the following table. Is there significant difference among three methods of teaching ?

Lecture Method	Multimedia Method	Blended Learning
4	5	8
6	8	6
2	4	6
3	4	7

- 20 Write a note on the meaning and characteristics of qualitative research ? Explain the terms involved in the process of grounded theory method ?
- 21 What are the criteria of a good research report ? Bring out the ethical considerations we keep in mind while carrying out the research work ?

(2 × 15 = 30 marks)