

THIRD SEMESTER M.Ed. DEGREE EXAMINATION, DECEMBER 2020**M.Ed.****MED 09—TEACHER EDUCATION (Part I Theory)****(2017 Admissions)****Time : Three Hours****Maximum : 80 Marks****I. Short Answer Type Annotation Questions. Answer *all* questions. Each question carries 2 marks :**

- 1 What is ODL ?
- 2 What is Androgogy ?
- 3 Differentiate Liberalisation and Globalisation.
- 4 What do you mean by Peer Coaching ?
- 5 Expand NPE.

(5 × 2 = 10 marks)**II. Short Essay Type Questions/ Problems. Answer any *eight* questions out of twelve. Each question carries 5 marks :**

- 6 What is meant by Teacher Education ? Brief its scope.
- 7 How can You integrate Technology in Teacher Education.
- 8 Explain principles of Androgogy.
- 9 Brief the development of Teacher Education.
- 10 Enumerate the Trends in Teacher Education Research.
- 11 Explain the innovations in Teacher Education at International Level.
- 12 Explain the Nature of Teacher Education in developing countries.
- 13 Enlist the functions of NCERT.
- 14 What are the components of In-Service Teacher Education ?
- 15 Illustrate the idea 'Collaborations and Partnership' in Teacher Education.

16 Brief the Recommendations of University Education Commission.

17 Explain the role of Internship in Teacher Education.

(8 × 5 = 40 marks)

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

18 Explain objectives and Importance of Pre Service Teacher Education Programmes.

19 How can You assure the Quality of Teacher Education Institutions ?

20 Explain new Trends and Innovations in Teacher Education in India.

21 What are the agencies of Teacher Education Programmes at National level ?

(2 × 15 = 30 marks)

THIRD SEMESTER M.Ed. DEGREE EXAMINATION, DECEMBER 2020

M.Ed.

MED 12.1—CONTEXT AND ISSUES OF SECONDARY EDUCATION

(2017 Admissions)

Time : Three Hours

Maximum : 80 Marks

- I. Short Answer Type/ Annotation Questions. Answer *all* the questions. Each question carries 2 marks :
- 1 What is Grading in Evaluation ?
 - 2 Express the choice of any two areas in Secondary Education scenario where research is to be conducted for improvement.
 - 3 In what way the in-service programme ensures quality education ?
 - 4 Mention any *two* recommendations of Kothari commission.
 - 5 Suggest any *two* measures to enhance the quality of Public schools.
- (5 × 2 = 10 marks)
- II. Short Essay Type Questions/Problems. Answer any *eight* questions out of twelve. Each question carries 5 marks :
- 6 Brief the nature of Secondary Education in India.
 - 7 Elaborate the recommendations of Yashpal committee.
 - 8 List out the policies and programmes recommended by NCF (2005).
 - 9 Explain the status of Secondary Education in India at present. What are your suggestions in improving the quality of education ?
 - 10 Explain the functions of IASE and its role towards Higher Education.
 - 11 Briefly enumerate the professional enrichment of Secondary school teachers.
 - 12 Elaborate the characteristics of competency based teaching in the context of Secondary Education.
 - 13 Explain the various measures in removing gender bias in Curriculum and textbooks.
 - 14 Describe the Vocationalisation of Secondary Education in India.

Turn over

- 15 List out the various pre-service and in-service secondary teacher education programmes.
- 16 Analyse the role of evaluation in Secondary education level and suggest suitable methods to enhance the evaluation process.
- 17 Explain the relevance of Continuous Comprehensive Evaluation.

(8 × 5 = 40 marks)

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

- 18 Critically analyse the problems and challenges related to Universalization of Secondary Education.
- 19 Critically analyze the recommendations of NPE (1986) and NCFTE (2009) in attaining the objectives of Secondary Education.
- 20 Explain the importance of Semester system and Elucidate the ways by which it can be made more effective.
- 21 Explain Delor's commission report focus on the Quality of Education.

(2 × 15 = 30 marks)

THIRD SEMESTER M.Ed. DEGREE EXAMINATION, DECEMBER 2020

M.Ed.

M.ED. 12.2.1—ADVANCED METHODOLOGY OF TEACHING ARABIC

(2017 Admissions)

Time : Three Hours

Maximum : 80 Marks

Part AI. Answer *all*. Each question carries 2 marks :

- 1 What is the role of Teacher in the present 'Social context' ?
- 2 List out different types of teaching skills.
- 3 Give the importance of E-Library.
- 4 Give two objectives of a Teacher Training Resource Centre.
- 5 What do you mean by Content knowledge ?

(5 × 2 = 10 marks)

Part BII. Answer any *eight*. Each in a short paragraph and carries 5 marks :

- 6 Describe the major social issues.
- 7 List out importance of Action research in the field of Arabic Language learning.
- 8 How will you prepare a Rubric ?
- 9 What are the demerits of translation method for the Teaching of Foreign Language ?
- 10 Discuss the merits of Diagnostic Test.
- 11 Differentiate social constructivism and cognitive constructivism ?
- 12 Differentiate Pedagogic knowledge and Technological knowledge.
- 13 Write a note on Learning outcome in Language learning.
- 14 What are major problems of Language Teaching ?
- 15 List out parts of Linguistics.

Turn over

- 16 What are salient features of KCF 2007 ?
- 17 What are the main objectives of Arabic Language in the Secondary School Level ?

(8 × 5 = 40 marks)

Part C

III. Answer any *two* of the following about the 300 words. Each question carries 15 marks :

- 18 Explain the scope of value inculcation through contemporary Language Teaching Methodology.
- 19 Critically evaluate modern and traditional trends in Language Teaching.
- 20 Evaluate the methods and strategies currently used for Teaching Arabic Language.
- 21 Discuss the procedure of Achievement Test construction.

(2 × 15 = 30 marks)

THIRD SEMESTER M.Ed. DEGREE EXAMINATION, DECEMBER 2020

M.Ed.

MED 12.2.2.—ADVANCED METHODOLOGY OF TEACHING ENGLISH

(2017 Admissions)

Time : Three Hours

Maximum : 80 Marks

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

- 1 What is meant by Social Networking ?
- 2 What is Editing ? Mention its types.
- 3 How is Blended Learning practice useful in teaching English ?
- 4 Mention few features of the Socio-Linguistic Theory.
- 5 What is ICT ? What are its uses in Language Teaching ?

(5 × 2 = 10 marks)

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

- 6 Brief the role of Social Networking in Self-Directed Learning.
- 7 Discuss the Theory of Connectivism.
- 8 Explain the Direct Instruction Model.
- 9 Elaborate the Humanistic Approach in English Language Classrooms.
- 10 Discuss the concepts of Language Anxiety and Learner Stress. How are they applicable while learning English ?
- 11 How will you integrate Academic Learning with Productive Work ?
- 12 Explain the innovative Techniques appropriate for Indian classrooms, while learning English.
- 13 Differentiate Technological Classrooms from Traditional Classrooms.
- 14 What is Webinar ? What are its uses in English Language Classrooms ?
- 15 Explain the IT resources that are useful in learning English Language.
- 16 Define Multi-Culturalism and its Significance in Language Learning.
- 17 Explain the various Curriculum Approaches of Differential Learning.

(8 × 5 = 40 marks)

Turn over

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

- 18 Discuss about Krashen's Monitor Hypothesis and its classroom strategies to dissolve the disconnect between the Teacher and the Learner.
- 19 As a Teacher Educator, how will you develop a 'Culture of Freshness' while teaching English ?
- 20 Critically analyse the Psycholinguistic and Socio Cultural theories in Foreign Language Teaching.
- 21 Explain the benefits of Participatory Learning by developing a platform for Interaction. How will you review the research studies pertaining to this area, while teaching English ?

(2 × 15 = 30 marks)

THIRD SEMESTER M.Ed. DEGREE EXAMINATION, DECEMBER 2020**M.Ed.****MED 12.2.3.—ADVANCED METHODOLOGY OF TEACHING MALAYALAM****(2017 Admissions)****Time : Three Hours****Maximum : 80 Marks****I. Answer *all* questions. Each carries 2 marks :**

- 1 Describe style.
- 2 Explain compressed conflict.
- 3 Explain MALL.
- 4 What is Malayalam computing ?
- 5 What are the uses of refresher courses ?

(5 × 2 = 10 marks)**II. Answer any *eight* questions. Each carries 5 marks :**

- 6 What are word strings ? How will you use them in your class ?
- 7 Narrate the methods to develop vocabulary.
- 8 Describe integrated curriculum and its merits.
- 9 Explain the characteristics of MITA.
- 10 Suggest the methods to develop listening skills.
- 11 Explain Skinner's theory of Language acquisition.
- 12 Name the pioneers in Malayalam research and briefly describe their achievements.
- 13 Explain the essential qualities of a good test.
- 14 Which are the novel ideas put forward by MITA in education ?
- 15 What is the use of art and aesthetic ability in teachers ?
- 16 Why we need a curriculum for learning ?
- 17 What is the relation between language and intelligence ?

(8 × 5 = 40 marks)**Turn over**

III. Answer any *two* questions. Each carries 15 marks :

- 18 Explain different approaches in curriculum construction.
- 19 Explain the synetics model of teaching.
- 20 Discuss the importance of mothertongue as a medium of instruction.
- 21 Suggest measures for the professional growth of Teachers.

(2 × 15 = 30 marks)

THIRD SEMESTER M.Ed. DEGREE EXAMINATION, DECEMBER 2020

M.Ed.

MED 12.2.7—ADVANCED METHODOLOGY OF TEACHING SANSKRIT

(2017 Admissions)

Time : Three Hours

Maximum : 80 Marks

Short Answer Type*Answer all questions.**Each question carries 2 marks.*

1. What is collaborative learning (सहवर्तित्वपठनं)?
2. State the receptive (स्वीकरण) and productive skills (उत्पादननैपुणी).
3. Write any two aims of Roleplay (पात्रनाट्यम्).
4. Define scaffolding.
5. What is Grading (श्रेणीकरणम्)?

(5 × 2 = 10 marks)

Short Essay Type Questions*Answer any eight questions out of twelve.**Each question carries 5 marks.*

6. Describe the importance of Brain storming.
7. Explain the features of cognitivism.
8. State the main principles of Bilingual method.
9. What is Port-folio ? state the advantages of portfolio assessment.
10. Describe the importance of Sanskrit in the present education scenario.
11. Give your suggestions to improve Handwriting ?

Turn over

12. What is Direct method (प्रत्यक्षविधिः)? Describe the advantages of Direct method (प्रत्यक्षविधिः)?
13. Discuss the importance of peer evaluation (परस्परमूल्यनिर्णयः)?
14. Discuss significance of CCE (निरन्तरःसमग्रमूल्यनिर्णयः) in Sanskrit education.
15. Describe the characteristics of communicative approach.
16. How Noam Chomskys language development theory can be utilized in Sanskrit language ?
17. Explain the importance of language games (भाषाक्रीडा)?

(8 × 5 = 40 marks)

Long Essay Type Questions

Answer any **two** questions out of four.

Each question carries 15 marks.

18. What is Dramatization (नाटकीकरणम्)? Explain the importance and role of teacher in Dramatization(नाटकीकरणम्)?
19. Discuss the importance of Sanskrit education and its influence to various sciences and languages ?
20. Explain the recommendations of Krishna warrier committee ?
21. What is writing skill (लेखननैपुणी)? What are the related subskills in sanskrit ? Propose one technique each to develop each subskill ?

(2 × 15 = 30 marks)

THIRD SEMESTER M.Ed. DEGREE EXAMINATION, DECEMBER 2020

M.Ed.

MED 12.2.8.—ADVANCED METHODOLOGY OF TEACHING MATHEMATICS

(2017 Admissions)

Time : Three Hours

Maximum : 80 Marks

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

- 1 Justify how the subjects science and mathematics are inter-related.
- 2 Mention a few significant mathematical contributions of Pythagoras.
- 3 What do you mean by competency based approach of teaching mathematics ?
- 4 State the principles of curriculum development in Mathematics.
- 5 Enumerate the objectives of formative and summative evaluation.

(5 × 2 = 10 marks)

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

- 6 Discuss the need and importance of mathematics as a subject discipline in school curriculum. Highlight its educational implications.
- 7 Enumerate the basic tenets involved in using a Process-oriented approach in teaching of mathematics.
- 8 Enunciate the features of Concept attainment model by explaining it with a relevant mathematics problem.
- 9 Highlight the problems that a teacher faces in the teaching of mathematics. Suggest how these problems can be overcome.
- 10 Discuss Gagne's hierarchy of learning type's citing examples for each.
- 11 Elucidate the concept of e-content development. Mention the steps involved in it and explain its characteristics.
- 12 Highlight the differences between norm-referenced testing and criterion-referenced testing.

Turn over

- 13 Enunciate the applicational perspectives of Howard Gardner's multiple intelligence theory in mathematics learning.
- 14 Give a brief overview of the revised Bloom's taxonomy of educational objectives.
- 15 Elucidate on the mathematics teachers attitudes, beliefs and concerns about the use of digital technologies.
- 16 Define the terms : 'Assessment' and 'Evaluation'. Explain the steps involved in the construction of an achievement test.
- 17 Write short notes on the following with relevant illustrations :
 - (i) Cyber-guides.
 - (ii) Graphic organizers.

(8 × 5 = 40 marks)

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

- 18 Highlight the meaning, nature and characteristics of mathematics. Describe the aims and objectives of teaching mathematics at the secondary and higher secondary level.
- 19 Analyse the characteristics, advantages and limitations of the following methods of teaching with suitable examples :—
 - (i) Project method.
 - (ii) Inductive method.
 - (iii) Analytic method.
- 20 Give a detailed account on the psychological bases of mathematics learning centered on the theories of Jean Piaget and Jerome S. Bruner with illustrations.
- 21 Explain the following concepts in the context of mathematics teaching-learning :
 - (i) Topical and Psychological approaches to curriculum development.
 - (ii) Brain-storming and Role-playing as techniques of teaching mathematics.

(2 × 15 = 30 marks)

THIRD SEMESTER M.Ed. DEGREE EXAMINATION, DECEMBER 2020

M.Ed.

MED 12.2.9—ADVANCED METHODOLOGY OF TEACHING PHYSICAL SCIENCE

(2017 Admissions)

Time : Three Hours

Maximum : 80 Marks

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

- 1 Name any *two* Science Education Journals.
- 2 What is Professional Ethics ?
- 3 Mention any *one* aim of EDUBUNTU.
- 4 What is impact factor of a Journal ?
- 5 What is empiricism in Science ?

(5 × 2 = 10 marks)

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

- 6 With illustration, explains induction and deduction method in Science.
- 7 Science is an ever changing concept- justify.
- 8 Explain the procedure involved in concept mapping ?
- 9 Highlight the areas in Physical Science Education in which research is needed ?
- 10 With example, explain constructivist approach in learning Science.
- 11 Describe the concept and importance of Professional development of a Science Teacher.
- 12 Explain the theory of Gagne to learning of Physical Science.
- 13 What are the ethical aspects of Science ?
- 14 What are the recommendation of NCF 2005 with regard to Physical Science Education ?
- 15 What is the need and importance of Continuous and Comprehensive Evaluation in Science ?

Turn over

- 16 With example, explain Project Based learning in Science.
- 17 How can we develop creativity in Science.

(8 × 5 = 40 marks)

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

- 18 Bring out the importance of Teacher appraisal and accountability ?
- 19 Discuss the method of Planning and assessment of Portfolio in Science Learning.
- 20 Discuss the recent trends in Physical Science Education at national and International Level.
- 21 Describe the nature of Science as a Body of Knowledge.

(2 × 15 = 30 marks)

THIRD SEMESTER M.Ed. DEGREE EXAMINATION, DECEMBER 2020

M.Ed.

MED 12.2.10—ADVANCED METHODOLOGY OF TEACHING NATURAL SCIENCE

(2017 Admissions)

Time : Three Hours

Maximum : 80 Marks

I. Short Answer type/Annotation Questions :Answer *all* questions. Each question carries 2 marks :

- 1 List any *two* advantages of feedback upon students' performance.
- 2 What is meant by collaborative learning ?
- 3 Give short note on inductive approach.
- 4 State any *two* educational values of field trip.
- 5 Bring out the limitations of attitude scale.

(5 × 2 = 10 marks)

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

- 6 As a science teacher, how will you nurture science process skills among students.
- 7 Comment on BSCS educational project.
- 8 Explain 5 E learning cycle, add its significance in natural science teaching.
- 9 Describe the different types of rating scale.
- 10 Bring out the relationship between science and technology.
- 11 Elucidate the steps of project method .
- 12 Discuss the role of portfolios in science learning.
- 13 Highlights the advantages of using rubrics as assessment tool for academic task.
- 14 Write short notes on principles of professional development of science teachers.
- 15 Briefly explain the steps involved in scientific method.

- 16 How constructivist strategies used for science teaching ?
- 17 Explicate Blooms revised taxonomy of educational objectives.

(8 × 5 = 40 marks)

III. Long Essay Type Questions :

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

- 18 What is Rubric ? Explain its role as assessment tool in natural science education.
- 19 Elaborate the vision suggest by NCF 2005 with regard to science learning.
- 20 Explain self-assessment and peer assessment to science education.
- 21 Substantiate how Advance organizer model can be used for natural science teaching.

(2 × 15 = 30 marks)

THIRD SEMESTER M.Ed. DEGREE EXAMINATION, DECEMBER 2020**M.Ed.****MED 12.2.11—ADVANCED METHODOLOGY OF TEACHING COMMERCE****(2017 Admissions)****Time : Three Hours****Maximum : 80 Marks****Part A***Answer all questions.*

1. What is meant by vocational education?
2. Define curriculum.
3. Mention the types of approaches for teaching commerce.
4. What is direct instruction ?
5. What is meant by portfolio assessment ?

(5 × 2 = 10 marks)**Part B***Answer any eight questions.*

6. Explain the steps in competency based instruction.
7. Describe the approaches of curriculum organization.
8. How will you identify slow learners in a heterogeneous classroom ?
9. Explain the psychological theories of piaget.
10. Describe the importance of web based learning.
11. Differentiate assessment from evaluation.
12. Write a short note on remedial teaching.
13. Explain the importance of educational blogs.
14. Explain demonstration method of teaching commerce.
15. Describe the self-study approach.
16. Discuss the scope of Tele-conferencing.
17. Give an explanatory note on analytic method of teaching commerce.

(8 × 5 = 40 marks)**Turn over**

Part C

Answer any two questions.

18. Explain the importance and scope of commerce education.
19. Explain the scope and importance of action research.
20. Explain the features of revised Bloom's taxonomy of educational objectives.
21. Explain lecture method of teaching commerce.

(2 × 15 = 30 marks)

THIRD SEMESTER M.Ed. DEGREE EXAMINATION, DECEMBER 2020

M.Ed.

MED 12.2.12—ADVANCED METHODOLOGY OF TEACHING SOCIAL SCIENCE

(2017 Admissions)

Time : Three Hours

Maximum : 80 Marks

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

- 1 Why does the knowledge of Social Science is essential to Children ?
- 2 Give any *two* importance of activity book in teaching Social Science.
- 3 What do you know about "Simulation" ?
- 4 Write a note on WWW.
- 5 How far do assignments also important in evaluation ?

(5 × 2 = 10 marks)

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

- 6 Write a note on 'A.L. Mudaliar's Commission Report on teaching of Social Science to School Children'.
- 7 Mention the nature and scope of teaching Social Science Subject at Secondary Education Level.
- 8 Evaluate the position of Social Science subject in the present day school curriculum.
- 9 Write a note on 'teacher's education manual's.
- 10 What is behaviourist approach of teaching Social Science ?
- 11 Write a note on 'integrated approach of teaching'.
- 12 How can you teach Social Science subject through creativity method of teaching ?
- 13 Mention the importance of project method of teaching and learning.
- 14 How can you teach Social Science subject through ICT ?
- 15 Write a note on uses of Satellite in Education.
- 16 How far does assessment important in Education ?
- 17 How can you develop and validate an attitude tool ?

(8 × 5 = 40 marks)

Turn over

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

- 18 What are the values of teaching Social Science ? Explain how can you use the integrated approach in teaching of Social Science.
- 19 What do you know about co-operative learning ? How can you use this method of teaching in Social Science ? Explain.
- 20 What are the latest developments in the method of teaching and learning ? Explain how can you utilize those methods in teaching Social Science.
- 21 What is Evaluation ? How can you assess the development of positive attitude or negative attitude towards Social Science subject among your students ? Describe.

(2 × 15 = 30 marks)