



4060400168

QP CODE: 4060400168

Reg No : .....

Name : .....

**M.Ed. DEGREE(CSS) EXAMINATION, DECEMBER 2021**

**Fourth Semester**

Faculty of Education

M.Ed

**ELECTIVE COURSE - ED820408 - ADVANCED METHODOLOGY AND  
PEDAGOGICAL PRACTICES OF SOCIAL SCIENCE EDUCATION**

2019 Admission Onwards

DC3AEFE4

Time: 3 Hours

Weightage: 30

**Part A (Short Answer Questions)**

*Answer any **eight** questions.*

*Weight **1** each.*

1. What is Positivism in Sociology by Auguste Comte?
2. Write any two differences between Knowledge Construction and De-construction.
3. Write any two situations in connection with the violation of Human Rights.
4. Label the scaled down approach of teaching.
5. Write a brief note on Virtual learning.
6. Suggest some measures for Professional Development of Social Science Teacher Educators.
7. What do you mean by pedagogical content knowledge?
8. List out the merits of teacher educator as a researcher.
9. Briefly explain any two merits of peer evaluation.
10. What is leadership assessment?

(8×1=8 weightage)





**Part B (Short Essay/Problems)**

*Answer any six questions.*

*Weight 2 each.*

11. Explain the contributions of George Simmel and Daisaku Ikeda in the emergence of Social Science Theory.
12. What do you mean by Geo- Political issues?. Provide some examples.
13. What are the major scarcity issues?
14. What are the salient features of NCF 2014?
15. Describe the interdisciplinary approach with its relevance in teaching social science.
16. Describe the support system that require for a Jurisprudential inquiry model of teaching.
17. What are the qualities of a reflective teacher educator?
18. What are the principles of grading system?

(6×2=12 weightage)

**Part C (Essay Type Questions)**

*Answer any two questions.*

*Weight 5 each.*

19. Briefly explain the terms – Growth, Development and De-growth. How it is related to a Society?.
20. Discuss the role of Social Science Education in promoting Social adaptation and Community living . Explain with suitable examples.
21. What do you mean by critical pedagogy? Discuss the major aspects of critical pedagogy.
22. Define scaffolding. Summarize various scaffolding strategies that can be imbibed in a social science learning environment.

(2×5=10 weightage)



**G 6978**

(Pages : 2)

Reg. No.....

Name.....

**M.Ed. DEGREE EXAMINATION, MARCH 2020**

**Fourth Semester**

**EDU 917.7—ADVANCED METHODOLOGY AND PEDAGOGICAL PRACTICES OF  
SCIENCE EDUCATION**

(2015 Admissions)

[Regular/Supplementary]

Time : Three Hours

Maximum : 80 Marks

**Part A**

*Answer any two questions.  
Each question carries 10 marks.*

1. Explain the relevance of Science Education at primary, secondary and high secondary level.
2. Describe the evolution of Science as a discipline.
3. What are the educational implications of models of teaching ? Discuss the special features of concept attainment model with suitable examples.
4. Critically evaluate the scope of ICT based instruction in Science Education and mention the recent development in ICT that can be used in Science classroom.

(2 × 10 = 20 marks)

**Part B**

*Answer any ten questions.  
Each questions carries 5 marks.*

5. Explain the importance of Piaget's theory of cognitive development in Science Education.
6. Briefly explain the issues in Science curriculum planning.
7. List out the major curriculum reforms putforward by NCERT.
8. Give an account of Gardner's multiple intelligence and its relevance in Science Education.
9. Explain the constructivist paradigm and its implications for Science learning.
10. Write a short note on ADDIE model and its significance.
11. Briefly explain the major services of the internet for Science learning.
12. What do you mean by CCE ? Briefly describe its advantages.
13. Differentiate criterion referenced and norm referenced level.
14. Explain interdisciplinary approach of curriculum design.

**Turn over**

15. Give an account of innovative instructional strategies for science learning.
16. How will you enhance creativity through Science learning ? Illustrate with example.

(10 × 5 = 50 marks)

### Part C

*Answer any five questions.  
Each question carries 2 marks.*

17. What do you mean by process driven curriculum ?
18. Define blended learning.
19. What do you mean by cognitive negotiability ?
20. Write a short note on brain based learning.
21. Give any four advantages of *m*-learning.
22. What do you mean by hidden curriculum ?
23. Mention the areas of Science Education in which more research is needed.

(5 × 2 = 10 marks)

**G 4225**

(Pages : 2)

Reg. No.....

Name.....

**M.Ed. DEGREE EXAMINATION, MAY 2019**

**Fourth Semester**

**EDU 917.7—ADVANCED METHODOLOGY AND PEDAGOGICAL PRACTICES OF  
SCIENCE EDUCATION**

(2015 Admission onwards)

[Regular/Supplementary]

Time : Three Hours

Maximum : 80 Marks

**Part A**

*Answer any two questions.*

*Each question carries 10 marks.*

1. Give a brief account of the goals given by various National education commissions.
2. Compare 'Inquiry training model' with 'concept attainment model'.
3. Discuss the major features of continuous and comprehensive evaluation.
4. What do you understand by reflective teaching ? Briefly explain the concept and strategies for making teachers reflective practitioners.

(2 × 10 = 20 marks)

**Part B**

*Answer any ten questions.*

*Each question carries 5 marks.*

5. What are the points to be considered for online assessment-cyber coaching ?
6. Briefly describe the impact of ICT in science education.
7. What do you mean by process driven curriculum ? Illustrate your answer using suitable examples.
8. Bring out the importance of constructivist approach to science instruction.
9. Enumerate the educational implications of Gardner's theory of multiple intelligence.
10. Distinguish between issue based approach and investigatory approach.
11. How would you cater to the diverse needs of your students in an inclusive setting while teaching science ?
12. What is the relevance of science teaching at secondary level ?
13. Discuss the contributions of NCF to science education.
14. State the role of broadcast and audio recordings in teaching-learning process.
15. What is Piaget's contribution to science ?
16. What are the issues in curriculum planning ?

(10 × 5 = 50 marks)

**Turn over**

**Part C**

*Answer any five questions.  
Each question carries 2 marks.*

17. What do you mean by self-assessment ?
18. Briefly explain the social significance of Science Education.
19. Differentiate between Integrated and Correlated curriculum.
20. What do you mean by cognitive negotiability ?
21. Explain stable and fluid enquiry approach.
22. What are blended strategies ?
23. What is web based learning ?

(5 × 2 = 10 marks)

**G 1821**

(Pages : 2)

Reg. No.....

Name.....

**M.Ed. DEGREE EXAMINATION, APRIL 2018**

**Fourth Semester**

**EDU 917.7—ADVANCED METHODOLOGY AND PEDAGOGICAL PRACTICES OF  
SCIENCE EDUCATION**

(2015 Admission onwards)

[Regular/Supplementary]

Time : Three Hours

Maximum : 80 Marks

**Part A**

*Answer any two questions.*

*Each question carries 10 marks.*

1. Critically appraise the contribution of Bruner and Ausubel to Science Education.
2. Discuss the relevance of different approaches to Science instruction.
3. Analyse the changing trends and shifts in assessment of Science Education.
4. Elaborate the strategies for developing professionalism of Science teachers.

(2 × 10 = 20 marks)

**Part B**

*Answer any ten questions.*

*Each question carries 5 marks.*

5. Give an account of Science syllabus revision in Kerala from primary to Higher Secondary level.
6. Point out the issues in Science curriculum planning.
7. Explain the importance of catering individual differences in Science classes.
8. State the relevance of different approaches to Science learning.
9. How would local knowledge and out of School experiences effectively utilised in Science learning ?
10. Briefly describe the impact of ICT in Science education.
11. Compare the features and classroom implications of Cognitive growth model and concept attainment model.

**Turn over**

12. How could blended strategies and metacognitive strategies incorporated in Science instruction?
13. Examine the types of evaluation of educational outcomes in Science.
14. What are the points to be considered while teacher observation and reflective discussion in a group ?
15. Explain the concept and strategies of reflective teaching.
16. Suggest the ways and means of developing research attitude in Science teachers.

(10 × 5 = 50 marks)

### Part C

*Answer any five questions.  
Each question carries 2 marks.*

17. Expand the following :
  - 1 SAPA.
  - 2 CBA.
  - 3 PSI.
  - 4 PLM.
18. What do you mean by Socio-cultural mediation ?
19. What is Multiple Intelligence ?
20. What are the peculiarities of stable and fluid enquiry approach ?
21. Differentiate between condensed and correlated curriculum.
22. State the objectives of online assessment.
23. What are the characteristics of process driven curriculum ?

(5 × 2 = 10 marks)





4060400161

QP CODE: 4060400161

Reg No : .....

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**M.Ed. DEGREE(CSS) EXAMINATION, DECEMBER 2021**

**Fourth Semester**

Faculty of Education

M.Ed

**ELECTIVE COURSE - ED820401 - ADVANCED METHODOLOGY AND  
PEDAGOGICAL PRACTICES OF LANGUAGE EDUCATION – ENGLISH**

2019 Admission Onwards

6F40896E

Time: 3 Hours

Weightage: 30

**Part A (Short Answer Questions)**

*Answer any **eight** questions.*

*Weight 1 each.*

1. Write down any two understanding level questions in Bloom's Taxonomy.
2. Explain the principle of creativity in curriculum construction.
3. What is meant by a communicative syllabus?
4. What are the values of teaching poetry?
5. Distinguish between method and approach.
6. What is netiquette?
7. Expand the following. a. CELTA, b. DELTA
8. Write any two uses of a diagnostic test.
9. What is reflective teaching?
10. Name any two online professional networks of teachers.

(8×1=8 weightage)





**Part B (Short Essay/Problems)**

*Answer any **six** questions.*

*Weight 2 each.*

11. Language is symbolic. Illustrate.
12. Explain the major recommendations of NEP 2020 with regard to language education.
13. Explain the components of an effective vocabulary instruction.
14. Why is knowledge of phonetics important in teaching English? Explain briefly.
15. Write any three benefits of peer tutoring strategies while teaching in an inclusive classroom.
16. How can we evaluate the pronunciation of students?
17. How can you use a portfolio as a tool for evaluating students in the English classroom?
18. Elaborate the concept inter language.

(6×2=12 weightage)

**Part C (Essay Type Questions)**

*Answer any **two** questions.*

*Weight 5 each.*

19. What do you mean by Connectivism?
20. Critically analyse any English Coursebook of Kerala State Syllabus at High school Level.
21. Elaborate the current pedagogical practices of teaching English.
22. What do mean by online assessment? Evaluate the merits and demerits of online assessment?

(2×5=10 weightage)



G 6972

(Pages : 2)

Reg. No.....

Name.....

**M.Ed. DEGREE EXAMINATION, MARCH 2020**

**Fourth Semester**

**EDU 917.1—ADVANCED METHODOLOGY AND PEDAGOGICAL PRACTICES OF  
LANGUAGE EDUCATION – ENGLISH**

(2015 Admissions)

[Regular/Supplementary]

Time : Three Hours

Maximum : 80 Marks

**Part A**

*Answer any two questions.  
Each question carries 10 marks.*

1. Discuss the educational implications of theory of social constructivism in language learning.
2. Discuss the research trends in English language education with reference to instructional strategies and instructional materials.
3. Explain how communicative approach contribute to English language learning.
4. Discuss the factors and problems in secondary language acquisition.

(2 × 10 = 20 marks)

**Part B**

*Answer any ten questions.  
Each question carries 5 marks.*

5. Enumerate the techniques for individualization of English language learning.
6. What is Reflective teaching ? How is it beneficial to a teacher ?
7. Explain the relevance of action research in English language education.
8. What are the activities that can be adopted to assess the speaking skill of learners ?
9. How will you develop a lesson design based on constructivist principles ?
10. How can community resources be effectively used in language learning ?
11. Explain LAD.
12. Discuss the relevance of synetic model in enhancing language creativity.
13. Explain the principles of language curriculum construction.
14. What is the role on online teacher networks and professional organizations in teacher empowerment ?

Turn over

15. How will you develop the listening skill of your learners ?
16. How is teaching of prose different from teaching of poetry ?

(10 × 5 = 50 marks)

**Part B**

*Answer any five questions.  
Each question carries 2 marks.*

17. What are the benefits of E-learning ?
18. What is portfolio assessment ?
19. What are the advantages of ability grouping ?
20. List the objectives of teaching English at secondary level.
21. What is a rubric ? How is it useful in language assessment ?
22. What is the significance of mind mapping in English classroom ?
23. What are the different types of curriculum ?

(5 × 2 = 10 marks)

G 4219

(Pages : 2)

Reg. No.....

Name.....

**M.Ed. DEGREE EXAMINATION, MAY 2019**

**Fourth Semester**

**EDU 917.1—ADVANCED METHODOLOGY AND PEDAGOGICAL PRACTICES OF  
LANGUAGE EDUCATION—ENGLISH**

(2015 Admission onwards)

[Regular/Supplementary]

Time : Three Hours

Maximum : 80 Marks

**Part A**

*Answer any two questions.*

*Each question carries 10 marks.*

1. Elaborate on the Communicative Approach to teaching English language.
2. How has information and communication technology revolutionized the field of English language teaching and learning ?
3. Explain the current trends in ELT research, dwelling on any two research topics of significance.
4. Elucidate on how the constructivist principles could be efficiently put into practice in the English language classroom.

(2 × 10 = 20 marks)

**Part B**

*Answer any ten questions.*

*Each question carries 5 marks.*

5. What is an e-portfolio ? What is its significance ?
6. Explain any two ways in which ICT could be used to teach grammar.
7. Differentiate between diagnostic and achievement tests.
8. Does teaching of literature still hold significance in language teaching ? Explain.
9. What is Social Constructivism ?
10. How does mother tongue interfere in the learning of a second language ?
11. What are the chief objectives of learning English in India ?
12. How would you assess listening skills ?
13. Explain the differences between inductive and deductive learning.
14. What are the steps to be followed in teaching a poem ?
15. Explain the concept of a virtual library.
16. What is performance based assessment ?

(10 × 5 = 50 marks)

**Turn over**

## Part C

*Answer any five questions.  
Each question carries 2 marks.*

17. Define a podcast.
18. Explain briefly the term 'm-learning'.
19. List any *two* vocabulary games.
20. What is a teacher made test ?
21. What is Passive vocabulary ?
22. What is EDUSAT ?
23. Identify any *two* uses of a blog.

(5 × 2 = 10 marks)

G 4224

(Pages : 2)

Reg. No.....

Name.....

**M.Ed. DEGREE EXAMINATION, MAY 2019**

**Fourth Semester**

**EDU 917.6—ADVANCED METHODOLOGY AND PEDAGOGICAL PRACTICES OF  
MATHEMATICS EDUCATION**

(2015 Admissions)

[Regular/Supplementary]

Time : Three Hours

Maximum : 80 Marks

**Part A**

*Answer any two questions.*

*Each question carries 10 marks.*

1. Briefly explain the different types of test items in Mathematics with examples.
2. Write down the contribution of Bruner for present Mathematics teaching and learning in secondary and higher secondary school curriculum.
3. Construct and standardise an achievement test in Mathematics.
4. Describe Cognitive Growth Model with the help of any one topic in secondary mathematics curriculum.

(2 × 10 = 20 marks)

**Part B**

*Answer any ten questions.*

*Each question carries 5 marks.*

5. Describe inductive and deductive method.
6. Explain the structure of Mathematics.
7. Discuss the aims and objectives of teaching Mathematics at secondary level.
8. Explain the horizontal and vertical acceleration.
9. Briefly describe the research carried out in Mathematics education with special reference to diagnostic studies.
10. Explain the need for recurrent education.
11. Describe five different types of mistakes in Mathematics committed by students at secondary level.
12. Explain different phases of Inductive Thinking Model.
13. Explain different types of theorems and proofs.
14. Outline the various forms of professional development practice among Mathematics teachers.

**Turn over**

15. Explain different types of Mathematics curricula with examples.
16. What are the difference between formative and summative evaluation in Mathematics ?

(10 × 5 = 50 marks)

### Part C

*Answer any five questions.  
Each question carries 2 marks.*

17. Define axioms. Write two axioms in Mathematics.
18. Mention different types of inservice programmes.
19. Explain the role of evaluation in Mathematics teaching and learning.
20. List out the equipments needed for the development of Mathematics laboratory.
21. Mention the ethics of teaching profession.
22. What do you mean by individualized instruction.
23. Mention the role of examples and non-examples in Mathematics teaching and learning.

(5 × 2 = 10 marks)



G 1820

(Pages : 2)

Reg. No.....

Name.....

**M.Ed. DEGREE EXAMINATION, APRIL 2018**

**Fourth Semester**

**EDU 917.6—ADVANCED METHODOLOGY AND PEDAGOGICAL PRACTICES OF  
MATHEMATICS EDUCATION**

(2015 Admission onwards)

[Regular/Supplementary]

Time : Three Hours

Maximum : 80 Marks

**Part A**

*Answer any two questions.  
Each question carries 10 marks.*

1. Explain Concept Attainment Model with the help of any one topic in secondary Mathematics curriculum.
2. What are the new trends in the development and transaction of Mathematics curriculum ? Illustrate with an example from school Mathematics.
3. Explain the types of test items in Mathematics. Give example for each. What are the merits and demerits of each type ?
4. What is the role of action research in Mathematics classrooms ? Explain with an example.

(2 × 10 = 20 marks)

**Part B**

*Answer any ten questions.  
Each question carries 5 marks.*

5. Write the contributions of Gagne in Mathematics education.
6. Explain the stages in problem solving techniques.
7. Describe inductive reasoning in Mathematics.
8. What is the importance of diagnostic evaluation in Mathematics ?
9. Explain the role of Mathematics club in effective learning.
10. Write two common errors made by Mathematics students and give suggestions to rectify them.
11. How can a teacher attain professional growth ?
12. Explain horizontal and vertical acceleration.

**Turn over**

13. Point out the significance of computer based instruction.
14. Write the major contributions of Ramanujan.
15. Distinguish between formative and summative evaluation.
16. How will you motivate students in a Mathematics classroom ?

(10 × 5 = 50 marks)

**Part C**

*Answer any five questions.  
Each question carries 2 marks.*

17. Write two contributions of Gauss.
18. Write two online journals in Mathematics.
19. Write a short note on criterion referenced evaluation.
20. Write the syntax of Inductive Thinking Model.
21. Write two instructional objectives and their specifications (two each) in teaching Mathematics.
22. Write any four criteria for organisation of the content in Mathematics.
23. What is meant by indirect proof ?

(5 × 2 = 10 marks)

**G 4226**

(Pages : 2)

Reg. No.....

Name.....

**M.Ed. DEGREE EXAMINATION, MAY 2019**

**Fourth Semester**

**EDU 917.8—ADVANCED METHODOLOGY AND PEDAGOGICAL PRACTICES OF  
SOCIAL SCIENCES EDUCATION**

(2015 Admission onwards)

[Regular/Supplementary]

Time : Three Hours

Maximum : 80 Marks

**Part A**

*Answer any two questions.*

*Each question carries 10 marks.*

1. What are the duties and obligations of an Indian citizen ? How can the learning of Social Science instill this responsibility in the minds of our learners ?
2. Explain Eco-friendly living suggest suitable strategies that can be adopted to ensure an environmental friendly living.
3. What are the essential professional qualities that a social science teacher should possess ? Explain.
4. Describe pedagogic analysis. What are the various steps to be followed while conducting Pedagogic Analysis ?

(2 × 10 = 20 marks)

**Part B**

*Answer any ten questions.*

*Each question carries 5 marks.*

5. Explain the relevance of Peace Education in the 21st Century.
6. Distinguish between Growth, Development and De-growth.
7. Contextualise the need for a Geo-political understanding of the society.
8. Trace the historic and pedagogic sources of knowledge generation in Social Sciences.
9. List two strategies that can be implemented for skill development in the realm of social sciences.
10. Elucidate the significance of developing learning packages for the study of social sciences.
11. Explain the syntax of social inquiry model.
12. Examine the significance of Inclusive classrooms.
13. Identify two scaffolding strategies that can make social science learning meaningful and interesting.
14. Describe M-learning. What are its benefits ?

**Turn over**

15. Distinguish between Fusion, integration and correlation approaches.
16. Assess the importance of Human Rights Education in the present global context.

(10 × 5 = 50 marks)

### Part C

*Answer any five questions.  
Each question carries 2 marks.*

17. List four advantages of open bank examinations.
18. Describe grade inflation.
19. Why should the teacher educator become a techno-pedagogue ?
20. Identify four activities that will Foster leadership qualities among children.
21. Explain social network analysis.
22. Distinguish between Antipositivism and Postpositivism.
23. What is a deschooling society ?

(5 × 2 = 10 marks)

**G 5919**

(Pages : 2)

Reg. No.....

Name.....

**M.Ed. DEGREE EXAMINATION, JUNE 2017**

**Fourth Semester**

Specialization Course

**EDU 917.8—ADVANCED METHODOLOGY AND PEDAGOGICAL PRACTICES OF  
SOCIAL SCIENCE EDUCATION**

(Regular—2015 Admissions)

Time : Three Hours

Maximum : 80 Marks

**Part A**

*Answer any two questions.  
Each questions carries 10 marks.*

1. Explain the nature and scope of Social Science. How can we develop the nature of an eco friendly living among teacher educands through Social Science Teaching ?
2. "Micro Teaching Practices equip the prospective teacher educands in developing teaching skills". Do you agree with the statement ? Justify the statement.
3. Examine the importance of "Human Rights Education" as an integral part of Social Science Education.
4. Explain the Group Investigation Model with a lesson transcript on a topic of your own choice.

(10 × 2 = 20 marks)

**Part B**

*Answer any ten questions.  
Each questions carries 5 marks.*

5. Explain the basic differences of Positivist and Constructionist theories.
6. How we can incorporate M-learning in Social Science instruction ?
7. What are the qualities of a Social Science teacher educator ?
8. Explain the general and psychological principles of teaching.
9. Explain the need and importance of pedagogic analysis in Social Science discipline.
10. What are the values and benefits of integrated approach in Social Science teaching ?
11. Explain any two teaching skills with their components.
12. Explain the role of peer tutoring in the teaching of Social Science.
13. What are the educational impacts of e-learning ?
14. Explain the scaffolding strategies that can be used in Social Science classes.

**Turn over**

15. Explain the role of teacher educator as curriculum designer.
16. What are the principles of grading?

(10 × 5 = 50 marks)

**Part C**

*Answer any five questions.*

*Each questions carries 2 marks.*

17. What do you mean by 'de-growth'?
18. Mention the role of Social Science in helping social adaptation.
19. Write two social values that can be inculcated through Social Science teaching.
20. Mention the need for population education.
21. Name any *two* websites that can be used as resource in the teaching of Social Science.
22. What do you mean by 'team teaching'?
23. Write two ways to explore creativity of teacher educator.

(5 × 2 = 10 marks)