



പരീക്ഷയെ നേരിടാം,  
പരീക്ഷക്കായി തയ്യാറെടുക്കാം

# മുന്നോട്ടുപോകൂ

**1<sup>st</sup> Sem M.Ed & B.Ed പരീക്ഷാ സഹായി**

### പഠനത്തിനിടയിൽ ഒരു നിമിഷം...

പുജ്യം ഡിഗ്രി സെൽഷ്യസിൽ താഴെ വെള്ളത്തെ ശീതീകരിക്കുമ്പോൾ ഉണ്ടാകുന്ന വരപദാർഥമാണ് ഐസ്. ഐസ് തിരിച്ച് വെള്ളമായി മാറാതിരിക്കാൻ ഒരേയൊരു മാർഗ്ഗമേയുള്ളൂ. പുജ്യം ഡിഗ്രി സെൽഷ്യസിലോ അതിൽ താഴെയോ ഉള്ള താപനിലയിൽ അതിനെ സൂക്ഷിക്കുക. അത് പോലെയാണ് പോസിറ്റീവ് മനോഭാവം നിലനിർത്തുകയെന്നതും. ശ്രമകരമായ ഒരു ജോലിയാണത്. ചുറ്റുപാടും കാണുന്നതും ദൈനംദിനം ഇടപെടുന്നതുമായ നെഗറ്റീവ് ചിന്തകളുടെ പ്രേരണയാൽ നാം പഴയ അവസ്ഥയിലേക്കു പോകുവാനുള്ള സാധ്യത കൂടുതലാണ്. മനോഭാവത്തെ എപ്പോഴും പോസിറ്റീവാക്കി നിലനിർത്തുന്നതിനുള്ള ഒരേയൊരു മാർഗം പോസിറ്റീവ് മനോഭാവമുള്ള വ്യക്തികളുമായി സമ്പർക്കത്തിലിരിക്കുക എന്നതാണ്. അവരേപ്പോഴും പോസിറ്റീവ് ചിന്തയിൽ നിലനിർത്താനാവശ്യമായ സാഹചര്യവും ഊർജ്ജവും നമുക്ക് നൽകും. ഐസ് ഉരുകാതിരിക്കാനായി ഉപയോഗിക്കുന്ന വിദ്യതന്നെ മനോഭാവം പോസിറ്റീവായി തുടരാനും നമുക്ക് ഉപയോഗിക്കാം. അതിനാൽ നമ്മയിലും ശുഭ കർമ്മങ്ങളിലും നിലനിൽക്കാൻ അത്തരം പ്രചോദനങ്ങളുടെ സാമീപ്യം ആവശ്യമാണ്. ഐസിനെ അതിന്റെ അസ്തിത്വത്തിൽ നിലനിർത്താൻ വേണ്ട സാഹചര്യം ഒരുക്കുന്നത് പോലെ... ഇത് തിരിച്ചറിഞ്ഞുകൊണ്ട് പരീക്ഷയ്ക്ക് തയ്യാറെടുക്കുന്നവർക്ക് വിജയം സുനിശ്ചിതമാണ്, അക്കാദമിക തലങ്ങളിലും ജൈവ നൈപുണികളിലും.

ഇതിന് ഉതകുന്ന ശ്രദ്ധേയമായ ഒരു കാൽവെപ്പാണ് അക്കാദമിക രംഗത്ത് എം.എഡ് അസോസിയേഷന്റെ നേതൃത്വത്തിൽ പുറത്തിറക്കുന്ന 'മുന്നൊരുക്കം'. പരീക്ഷ കേന്ദ്രീകൃത വിദ്യാഭ്യാസ സമ്പ്രദായത്തിൽ ഇത് ഏറെ സഹായകരമാണ്. പരീക്ഷയെ ആത്മവിശ്വാസത്തോടെ നേരിടാൻ ഇതു വിദ്യാർത്ഥികളെ സഹായിക്കുക തന്നെ ചെയ്യും.

ഒത്തിരി ആശംസകളോടെ...

ഡോ: ടി.കെ. ഉമ്മർ ഫാറൂഖ്  
(എം.എഡ് കോഡിനേറ്റർ)

### വിജയാശംസകളോടെ...

പഠിക്കാൻ കഴിവില്ലെന്ന് പറയുന്ന കുട്ടുകാർ മനസ്സിലാക്കേണ്ട ഒരു വസ്തുതയുണ്ട്. ജീവിതത്തിൽ വിജയം കൊയ്തവർ അസാമാന്യ ബുദ്ധിശാലികളൊന്നുമായിരുന്നില്ല. താൽപര്യത്തിൻറെയും കഠിനാധ്വാനത്തിൻറെയും ഫലമായാണ് അവർ ലക്ഷ്യം നേടുന്നത്. വിഖ്യാത ശാസ്ത്രജ്ഞൻ ആൽബർട്ട് ഐൻസ്റ്റീൻ മൂന്നു വയസ്സുവരെ സംസാരിച്ചിട്ടില്ലായിരുന്നു. സ്കൂളിലായിരുന്നപ്പോൾ മഹാമോശമായിരുന്നു. അത് പോലെ ശാസ്ത്രജ്ഞനായ എഡിസൺ ഒരു മന്ദബുദ്ധിയാണെന്നായിരുന്നു അധ്യാപകർ കരുതിയത്. അദ്ദേഹത്തിന് 12 വയസ്സുവരെ വായിക്കാനറിയില്ലായിരുന്നു.

വിജയം ദുഃഖനിശ്ചയത്തിൽ ആരംഭിക്കുന്നു. എല്ലാം നിൻറെ മനസ്സിലാണ്. തോൽക്കുമെന്ന് ചിന്തിച്ചാൽ തീർച്ചയായും തോൽക്കും. ജീവിതത്തിൽ വിജയം കൈവരിക്കുന്നവർ ശക്തവാന്മാരോ ബുദ്ധിരാക്ഷസരോ വേഗതയുള്ളവരോ അല്ല. മറിച്ച് വിജയിക്കാൻ സാധിക്കുമെന്ന് ചിന്തിക്കുന്നവരും താൽപര്യമുള്ളവരും അതിനു വേണ്ടി പ്രവർത്തിക്കുന്നവരുമാണ്. ദൈവം എല്ലാ പക്ഷികൾക്കും ഭക്ഷണം നൽകുന്നു. എന്നാൽ ഒന്നിനും അവയുടെ കൂട്ടിലേക്ക് എറിഞ്ഞുകൊടുക്കുന്നില്ല. അതുകൊണ്ട് നാം അതിനു വേണ്ടി പ്രയത്നിക്കണം. അതിന് ഈ പരീക്ഷാ സഹായി സഹായകമാകുമെന്ന് കരുതുന്നു.

ശബീഹ ഷംശാദ് എം  
(അസോസിയേഷൻ സെക്രട്ടറി, എം.എഡ്)

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**M.Ed**  
**(1<sup>st</sup> Semester)**

**PHILOSOPHY**

**M.Ed 01**

**ADVANCED PHILOSOPHY OF  
EDUCATION**



D 52647

(Pages : 2)

Name.....

Reg. No.....

**FIRST SEMESTER M.Ed. DEGREE EXAMINATION, DECEMBER 2018**

Education ,

**ME D01—ADVANCED PHILOSOPHY OF EDUCATION**

(2017 Admissions)

**Time : Three Hours**

**Maximum : 80 Marks**

**Part A**

*Answer all questions.*

*Each question carries 2 marks.*

1. Explain the chief characteristics of 'Buddhism'.
2. Mention four important Western Schools of Philosophy.
3. Briefly explain the concepts 'Axiology' and 'Epistemology'.
4. Define 'Vyseshikha'.
5. Briefly define 'Democracy' ?

(5 × 2 = 10 marks)

**Part B**

*Answer any eight questions out of twelve.*

*Each question carries 5 marks.*

6. Enumerate the Educational thoughts of Swami Vivekananda.
7. Compare and contrast Idealism and Pragmatism with reference to (a) aim ; (b) curriculum ; (c) methods ; and (d) role of the teacher.
8. Mention the basic philosophic ideas of Education, as advocated by John Dewey.
9. What is Metaphysics ? Illustrate with examples.
10. "Education must foster those inventive powers of man to ensure his mastery over the material given to him" - Comment.
11. The Naturalistic School of Philosophy is revolutionary with respect to curriculum, role of teacher and method of instruction. Explain.
12. What are the difference between the aspects of 'Existentialism 'and 'Humanism' ?

**Turn over**

13. Trace pragmatic trends in the Educational thoughts of any one Indian Educationist ?
14. Explain the terms, 'Democracy' and 'Socialism'.
15. Explain the Educational ideas of Gandhiji and his contributions to Education.
16. Write a short note on 'Utharameemamsa' and 'Poorvameemamsa'.
17. Describe the Educational thoughts of J. Krishnamurthi.

(8 × 5 = 40 marks)

### Part C

*Answer any two questions out of four.*

*Each question carries 15 marks.*

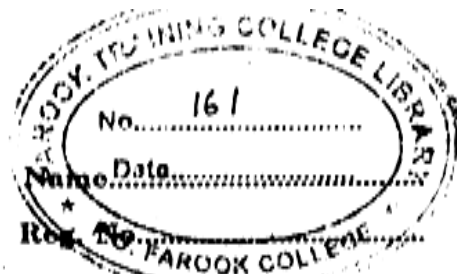
18. What are the Educational implications of Naturalism ? Discuss in terms of aim, curriculum, method of teaching and discipline.
19. Briefly explain the origin and development of Education as a discipline. Describe the inter-disciplinary nature of Education.
20. What are the characteristics of Philosophy and Education ? Explain briefly what Education is and what Education is not.
21. Which aim of Education do you consider to be most important to our country ? Explain ?

(2 × 15 = 30 marks)

D 92537

18 FEB 2016

(Pages : 2)



**FIRST SEMESTER M.Ed. DEGREE EXAMINATION, DECEMBER 2015**

**MED 01—ADVANCED PHILOSOPHY OF EDUCATION**

(2015 Admissions)

Time : Three Hours

Maximum : 80 Marks

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

- 1 Briefly describes Rousseau's negative education.
- 2 Define totalitarianism.
- 3 Role of Yoga in contemporary education.
- 4 Briefly sketch educational implications of individualism.
- 5 Bring out the relationship between philosophy and anthropology.

(5 × 2 = 10 marks)

II. Short Essay Type Questions/ Problems. Answer any *eight* questions out of 12. Each question carries 5 marks :

- 6 List out any *four* educational implications of : (1) Bhagavad Gita ; and (2) Holy Quran.
- 7 Critically evaluate "education as pedagogic science".
- 8 Evaluate Rabindranath Tagore's ideology on education.
- 9 Differentiate between axiological aspects of realism and naturalism.
- 10 Differentiate between orthodox and heterodox schools of Philosophy.
- 11 Narrate the Philosophy of Education as expanded by J. Krishna Murthi.
- 12 Outline the contributions of John Dewey to educational practices.
- 13 Educational philosophy is a guide to way of life. Justify.
- 14 Examine the educational contributions of Paulo Friere.
- 15 Expose the bilateral influence of society and Education.
- 16 Write a short note on communism.
- 17 Give an account on the basic aspects of Western Education.

(8 × 5 = 40 marks)

Turn over





- III. Long Essay Type Questions. Answer any *two* questions out of 4. Each question carries 15 marks.
- 18 Examine the concept of Educational Philosophy. Highlights the significance of Philosophy of Education.
  - 19 Explain axiological, metaphysical and epistemological aspects of existentialism. Describe the salient features of system of education based on existentialism.
  - 20 "True education is that which draws out and stimulates the intellectual and physical faculties of the children". Comment on the educational insights of Mahatma Gandhi.
  - 21 Narrate concept of democracy. Discuss how democratic principles are upheld in educational institutions of Kerala.

(2 × 15 = 30 marks)

# **PSYCHOLOGY**

**M.Ed 02**

## **PSYCHOLOGY OF LEARNING AND DEVELOPMENT**



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(Pages : 2)

Name.....*Librey*.....

Reg. No.....*14.1.19*.....

**FIRST SEMESTER M.Ed. DEGREE EXAMINATION, DECEMBER 2018**

**Education**

**MED 02—PSYCHOLOGY OF LEARNING AND DEVELOPMENT**

(2017 Admissions)

Time : Three Hours

Maximum : 80 Marks

**Part A**

*Answer all the questions.*

*Each question carries 2 weightage.*

1. Trace the origin of psychology.
2. Write a brief note on 'Bruner'.
3. State any two classroom motivational techniques.
4. Write a note on Vygotsky.
5. Brief about Mnemonic devices.

(5 × 2 = 10 marks)

**Part B**

*Answer any eight questions.*

*Each question carries 5 marks.*

6. Explain about transfer of learning.
7. Describe about maladjustment.
8. Explain about behaviourist approach.
9. Write a detailed note on Adolescent problems.
10. Explain about achievement motivation.
11. Describe about factors affecting learning.
12. Explain about Neural organisation.
13. What is life skill education ? Explain.
14. Explain about psychodynamic approach.
15. Discuss Piaget's theory of cognitive development.

**Turn over**

16. What is humanistic perspective of motivation ?
17. Describe operant conditioning.

(8 × 5 = 40 mark

### Part C

*Answer any two questions.*

*Each question carries 15 marks.*

18. Explain about experiential learning.
19. Discuss about Education for Mental Health.
20. Describe Kohlberg's stages of moral development.
21. Explain about relevance of educational psychology in teaching and learning.

(2 × 15 = 30 marks

**C 33249-B**

Name \_\_\_\_\_

Reg. No. \_\_\_\_\_

**FIRST SEMESTER M.Ed. DEGREE EXAMINATION, DECEMBER 2017**

**MED 02—PSYCHOLOGY OF LEARNING AND DEVELOPMENT**

(2017 Admissions)

**Time : Three Hours**

**Maximum : 80 Marks**

**Part A**

*Answer all the questions.*

1. Define Educational Psychology.
2. Write a note on Piaget.
3. What is achievement motivation ?
4. What is Need reduction theory ?
5. Write a note on Mnemonic techniques.

2017

(5 × 2 = 10 marks)

**Part B**

*Answer any eight questions.*

6. Explain about transfer of learning.
7. Define the concept of Mental Health according to WHO.
8. Discuss the scope of Educational psychology.
9. What are the principles of development ?
10. What are the classroom motivation techniques ?
11. What are the factors affecting learning ?
12. Discuss the types of memory.
13. What are the characteristics of mentally healthy person ?
14. Explain in detail Behaviourist approach.
15. Discuss Bruner's cognitive developmental stages.
16. Explain Gestalt Learning theory.
17. Discuss Vygotsky's Social learning theory.

(8 × 5 = 40 marks)

**Part C**

*Answer any two questions.*

18. Explain in detail defence mechanisms.
19. Explain brain structures and key functions.
20. Explain classical Conditioning in learning.
21. Discuss Kohlberg's theory of moral development.

(2 × 15 = 30 marks)

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D 92538

(Pages : 2)



**FIRST SEMESTER M.Ed. DEGREE EXAMINATION, DECEMBER 2015**

**MED 02—PSYCHOLOGY OF LEARNING AND DEVELOPMENT**

(2015 Admissions)

Time : Three Hours

Maximum : 80 Marks

**I Short Answer Type / Annotation Questions**

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

1. What do you mean by developmental tasks in teaching ?
2. Bring out any *four* characteristics of motivated learners.
3. What are the characteristics of a mentally healthy person ?
4. What is mnemonic technique ?
5. Define Social Constructivism of Vygotsky.

(5 × 2 = 10 marks)

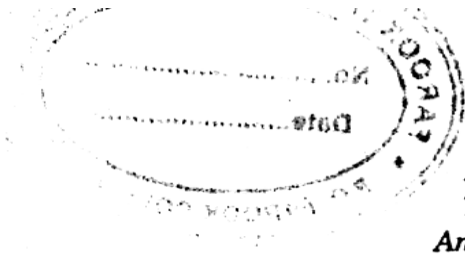
**II Short Essay Type Questions / Problems**

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

6. What are defense mechanisms ? Explain any 3 defense mechanisms usually seen in adolescence.
7. Critically evaluate Erikson's theory of psycho social development.
8. Explain the concept of Meaningful Reception Learning by Ausubel.
9. Illustrate the model of motivated learning proposed by Pintrich and Schunk. Elucidate its educational implication.
10. Examine the problems confronted by adolescence in modern era. Propound a few creative suggestions to tide over the situation.
11. Elaborate the theory of moral development by Kohl Berg.
12. Examine the relevance of educational psychology in teaching and learning.
13. Discuss the concept and types of transfer of learning.
14. Compare and contrast classical conditioning with that of operant conditioning.
15. Examine humanistic approaches to learning.
16. Discuss briefly Piaget's theory of cognitive development and cognitive functioning.
17. "The study of educational psychology has revolutionized the theory and practice of education". Substantiate.

(8 × 5 = 40 marks)

Turn over



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### III Long Essay Type Questions

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

18. Briefly explain the cognitive learning theory of Gestalt school of Psychology.
19. Describe the neurophysiological theory put forward by Hebb. Examine its implications.
20. Discuss various approaches to study human behaviour. Substantiate any *three*.
21. Discuss problems and prospects while implementing life skills education in India.

(2 × 15 = 30 marks)

**M.Ed 03**

**TRENDS AND ISSUES IN  
EDUCATION**



**D 52649**

(Pages : 2)

Name.....

Reg. No. 16 / 19

**FIRST SEMESTER M.Ed. DEGREE EXAMINATION, DECEMBER 2018**

Education

**MED 03—TRENDS AND ISSUES IN EDUCATION**

(2017 Admissions)

**Time : Three Hours**

**Maximum : 80 Marks**

**Part A**

*Answer all questions.*

*Each question carries 2 marks.*

1. What is a "composite institution" ?
2. Give any *four* uses of "edublogs".
3. What is mind mapping ?
4. Write a short note on RMSA.
5. What are the objectives of environmental education according to UNEP ?

(5 × 2 = 10 marks)

**Part B**

*Answer any eight questions.*

*Each question carries 5 marks.*

6. Discuss the underlying principles in the construction of constructivist curriculum.
7. Explain the characteristics of Web based learning.
8. Explain the salient features of MOODLE as an effective Learning Management System (LMS).
9. Write a note on open book examination.
10. What are the merits and demerits of online examination?
11. Explain the concept of Virtual Learning Environment.
12. Explain the salient features of constructivist approach to learning.
13. Enumerate the merits of Continuous and Comprehensive Evaluation (CCE).
14. What are the major objectives of RUSA?
15. Give your recommendations on the areas in which gender equity in education has to be realised in the Indian context ?

**Turn over**



16. What are the different avenues for professional growth of teachers in the 21<sup>st</sup> century ?
17. Discuss the relevance of 'Peace Education' in schools.

(8 × 5 = 40 marks)

### Part C

*Answer any two questions.*

*Each question carries 15 marks.*

18. What are the important aspects of NCTE regulations 2014 which brought radical changes in the teacher education system in India ? Elucidate.
19. "TPACK helps a teacher to meet the challenges of integrating ICT effectively in 21<sup>st</sup> century teaching". Elucidate.
20. What are the educational issues pertaining to the socially and culturally marginalised sections of the society ? Discuss.
21. What are the major challenges and issues pertaining in the inclusive education of CWSN in secondary education ?

(2 × 15 = 30 marks)

**C 33249-C**

(Pages : 2)

Name.....

Reg. No.....

**FIRST SEMESTER M.Ed. DEGREE EXAMINATION, DECEMBER 2017**

**MED 03—TRENDS AND ISSUES IN EDUCATION**

(2017 Admissions)

Time : Three Hours

Maximum : 80 Marks

**Part A**

*Answer all questions.*

*Each question carries 2 marks.*

1. Write a short note on NCFTE.
2. What is meant by "Creative Commons" ?
3. Differentiate between equality and equity.
4. Differentiate between sex and gender.
5. Mention the role of NCWI in eradicating atrocities against women.

(5 × 2 = 10 marks)

**Part B**

*Answer any eight questions.*

*Each question carries 5 marks.*

6. Explain the important provisions of RTE 2009.
7. Discuss about on line learning platform "SWAYAM".
8. Explain the concept of Virtual Learning Environment.
9. Explain the salient features of MOODLE as an effective Learning Management System (LMS).
10. What are the important underlying tenets of critical pedagogy?
11. Explain the salient features of constructivist approach to learning.
12. Enumerate the merits of Continuous and Comprehensive Evaluation (CCE).
13. How does a portfolio help in evaluating the learning outcomes of students ?
14. Discuss the role of ASAP in equipping the youth to face the challenge of unemployment.
15. What are the major objectives of RUSA ?

**Turn over**

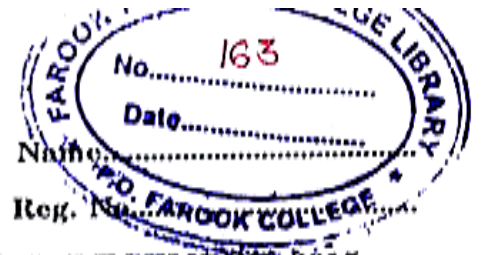
16. Give your recommendations on the areas in which gender equity in education has to be realised in the Indian context ?
17. What are the different avenues for professional growth of teachers in the 21<sup>st</sup> century ?  
(8 × 5 = 40 marks)

**Part C**

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

18. What are the important aspects of NCTE regulations 2014 which brought radical changes in the teacher education system in India ? Elucidate.
19. What is E-learning ? Discuss about the various modes of e-learning .
20. What are the educational issues pertaining to the socially and culturally marginalised sections of the society ? Discuss .
21. What are the objectives of the curriculum for Peace Education as prescribed by UNESCO ?  
(2 × 15 = 30 marks)

24 FEB 2016



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(Pages : 2)

**FIRST SEMESTER M.Ed. DEGREE EXAMINATION, DECEMBER 2015**  
**MED 03—TRENDS AND ISSUES IN EDUCATION**  
(2015 Admissions)

Time : Three Hours

Maximum : 80 Marks

**I-Short Answer Type/Annotation Questions**

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

1. What are the features of blended learning ?
2. Explain the concept of cloud computing.
3. State any *two* advantages of Open Educational Resources.
4. What do you mean by compensatory education ?
5. Mention the objectives of RUSA.

(5 × 2 = 10 marks)

**II-Short Essay Type Questions Problems**

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

6. Explain the role and functions of NCTE.
7. What are the problems confronted with the implementation of the RTE Act 2009 ?
8. How far can blogs be utilized effectively in education ?
9. How can PhET simulations help learners in conceptual understanding ?
10. Explain the salient features of the constructivist approach to learning.
11. Show your familiarity with the Additional Skill Acquisition Programme (ASAP).
12. Explain any *five* issues related to violation of child rights.
13. To what extent can mobile learning be utilized for knowledge sharing ?
14. Explain how far gender equity in education has been realized in the Indian education scenario.
15. Explain the concept of education for Sustainable Development.
16. Present your arguments for and against inclusive education.
17. Explain the need and relevance of diversified curriculum.

(8 × 5 = 40 marks)

**Turn over**



### III-Long Essay Type Questions

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

18. Critically analyze the new trends in examination on the basis of quality concerns in education.
19. Explain the various ways and means for Continuous Professional Development of teachers.
20. Enumerate the role of ICT in construction and dissemination of knowledge and acquisition of skills in the 21<sup>st</sup> Century.
21. What is the impact of globalization on education ? Explain the pros and cons of the Open Doors Policy in higher education.

(2 × 15 = 30 marks)

**M.Ed 03**

**INTRODUCTION TO EDUCATIONAL  
RESEARCH AND STATISTICS**

D 52650

(Pages : 2)

Name.....<sup>2020</sup>.....

Reg. No.....<sup>15-11-16</sup>.....

**FIRST SEMESTER M.Ed. DEGREE EXAMINATION, DECEMBER 2018**

Education

**MED 04—INTRODUCTION TO EDUCATIONAL RESEARCH AND STATISTICS**

(2017 Admissions)

**Time : Three Hours**

**Maximum : 80 Marks**

**Section A**

*Answer all questions.*

*Each question carries 2 marks.*

1. Explain the meaning of construct in the language of research.
2. List the characteristics of a theory that one can search for a research study.
3. Enlist the criteria used in determining the quality of a given print journals articles.
4. What is the difference between an inductive and a deductive hypothesis ?
5. The size of a correlation is in part a function of the variability of the two distributions to be correlated- Explain.

(5 × 2 = 10 marks)

**Section B**

*Answer any eight questions.*

*Each question carries 5 marks.*

6. Discuss the major characteristics of qualitative research with the help of one example.
7. Illustrate research as a method of science.
8. Explain the five general purposes of conducting mixed method research.
9. Distinguish between the title of a research and statement of the problem with suitable example (s).
10. The researcher who fails to approach the task of assembling the related literature in a systematic manner from the beginning can become much disorganized. Discuss the suggestions you would give for the researcher to be organised in the literature review.
11. Justify the purposes of different ways of stating hypotheses.
12. Illustrate the following with suitable examples.
  - (a) Sampling frame and sampling unit.
  - (b) Sampling error.
13. Illustrate with an example the steps involved in quota sampling.

**Turn over**



14. Discuss the uses of standard score. How well did Saral perform in her English coursework compared to the other 50 students, if she scored 70 out of 100 and class mean was 60 and SD 15 ?
15. Following are the marks of class IX students in last month Science Achievement test :—  
45, 30, 36, 36, 16, 21, 33, 40, 32, 14, 10, 29, 23, 39, 17, 11, 18, 34, 19, 24, 21, 35, 42, 37  
Prove that second quartile = 50<sup>th</sup> percentile.
16. Explain the two different types of ogive and their applications.
17. Distinguish between rank order correlation and product moment correlation with examples.  
(8 × 5 = 40 marks)

### Section C

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

18. (a) What is educational research ?  
(b) "No educational research project should be undertaken unless its consequences give promise of improving significantly an important educational practice or operation". Discuss with suitable examples.  
(8 + 12 = 15 marks)
19. (a) Describe the ways in which a researcher reaches to a problem formulation.  
(b) Enlist the need of both primary and secondary sources of information in the review of related literature.  
(c) Illustrate with examples different types of variables in a quantitative research.  
(6 + 4 + 5 = 15 marks)
20. (a) Discuss the significance of formulating hypotheses. What are the different types of hypotheses in educational research ? Illustrate.  
(b) Explain the different levels of measurement.  
(c) Compute mean and standard deviation of the following distribution and interpret the results
- |    |   |         |         |         |         |         |         |         |         |
|----|---|---------|---------|---------|---------|---------|---------|---------|---------|
| CI | : | 80 - 90 | 70 - 80 | 60 - 70 | 50 - 60 | 40 - 50 | 30 - 40 | 20 - 30 | 10 - 20 |
| f  | : | 5       | 10      | 15      | 25      | 17      | 14      | 10      | 2       |
- (3 + 4 + 6 = 15 marks)
21. (a) Elucidate the meaning of parameter, statistics, standard error and sampling error.  
(b) How do scatter plots help in explaining the concept of correlation? When can one use biserial and point biserial correlation ?  
(c) Compute 90 % and 80 % confidence limits for mean 75 and standard deviation 2.75 of the sample size 200.  
(4 + 5 + 6 = 15 marks)
- (2 × 15 = 30 marks)

**FIRST SEMESTER M.Ed. DEGREE EXAMINATION, DECEMBER 2017****MED 04—INTRODUCTION TO EDUCATIONAL RESEARCH AND STATISTICS**

(2017 Admissions)

Time : Three Hours

Maximum : 80 Marks

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

1. List any four types of qualitative research.
2. Distinguish between dichotomous and continuous variables.
3. Enumerate the criteria that one can use to evaluate a research problem.
4. Give *two* reasons for stating a hypothesis before the data-gathering phase of a quantitative study.
5. Write a directional and a non-directional hypothesis based on the research question : "What is the relationship between the rate of maturation of adolescent boys and their self-concepts ?"

(5 × 2 = 10 marks)

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

6. Discuss the role of review of related literature in quantitative research.
7. Write a short note on simple random sampling.
8. Distinguish between Type I and Type II errors with the help of an example.
9. Draw the histogram and frequency polygon for the following frequency distribution. Interpret the graphs :

X	f	x	f	x	f	x	f
80	1	76	6	73	20	70	7
79	2	75	15	72	17	69	3
78	3	74	22	71	9		
77	10						

10. Explain the necessity of mastering online database searching with examples.

**Turn over**

11. Discuss the criteria and qualities of a good research.
12. Write a short note on APA style of referencing.
13. Distinguish between cross-sectional and longitudinal research with examples.
14. Discuss the significance of formulating hypotheses. What are the different types of hypotheses in educational research? Illustrate.
15. Explain the merits and demerits of different measures of dispersion.
16. Illustrate the applications of normal probability curve.
17. Explain the concept and types of correlation in educational research.

(8 × 5 = 40 marks)

### Section C

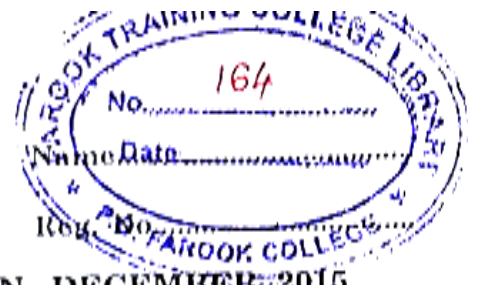
*Answer any two questions.  
Each question carries 15 marks.*

18. (a) What do you understand by the term 'Research' ?  
(b) Discuss the criteria, objectives and qualities of a good research.  
(c) Describe the different methods of non-probability sampling.  
(2 + 8 + 5 = 15 marks)
  19. (a) Describe the ways in which a researcher reaches to a problem formulation.  
(b) Illustrate with examples different types of variables in a quantitative research.  
(c) Illustrate the need and importance of graphical representation of data in educational research.  
(6 + 4 + 5 = 15 marks)
  20. (a) Define Kurtosis. What are different types of curves based on Kurtosis values ?  
(b) What do we mean by probability sampling techniques? Describe how you would draw a :  
(i) Stratified random sample ; and (ii) Cluster sample ?  
(c) An achievement test was administered on 2500 students. The mean is 85 and standard deviation is 4.25. Find the 67<sup>th</sup> percentile and 39<sup>th</sup> percentile and then write interpretation.  
(3 + 6 + 6 = 15 marks)
  21. (a) Elucidate the meaning and characteristics of standard deviation.  
(b) Explain the use of derived z-score and stanine scores with examples.  
(c) Compute the standard deviation for the following data and write the interpretation :
- |                 |       |       |       |       |       |       |       |       |       |
|-----------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Marks           | 90-99 | 80-89 | 70-79 | 60-69 | 50-59 | 40-49 | 30-39 | 20-29 | 10-19 |
| No. of Students | 10    | 17    | 23    | 40    | 45    | 25    | 20    | 13    | 7     |
- (4 + 5 + 6 = 15 marks)  
[2 × 15 = 30 marks]

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**FIRST SEMESTER M.Ed. DEGREE EXAMINATION, DECEMBER 2015**  
**M.Ed. 04—INTRODUCTION TO EDUCATIONAL RESEARCH AND STATISTICS**  
(2015 Admissions)

Time : Three Hours

Maximum : 80 Marks

**Part I**

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

1. List out at least four qualities of a good researcher.
2. What are the salient features of Evaluative Research ?
3. List out different types of Probability Sampling Techniques.
4. What are Percentile Ranks ? How they are arrived at ?
5. Differentiate between Qualitative and Quantitative research.

(5 × 2 = 10 marks)

**Part II**

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

6. Define Normal Distribution. What are its principal characteristics?
7. What do you mean by a "Variable" ? Describe different types of Variables by giving specific examples to each.
8. When and how do you compute the following ?
  - (a) Tetra Choric Correlation.
  - (b) Point Biserial Correlation.
  - (c) Rank Order Correlation.
  - (d) Partial Correlation.
9. Write short note on different types of Scales of Measurement.
10. What are Z-Scores and T-Scores ? How can you transform raw scores into Z-Scores and T-Scores? Illustrate with a hypothetical data.
11. Differentiate between Primary and Secondary Data with reference to historical Research. Point out the factors to be considered while evaluating the acceptability of such sources.
12. Explain different Non-Probability Sampling Techniques used in Educational Research.
13. How will you formulate a Problem for research in Education ? Illustrate.

Turn over

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14. Find if there is any relationship between scores in Test I and Test II by computing Product moment coefficient of correlation.

Students	A	B	C	D	E
Scores in Test I	19	16	18	17	10
Scores in Test II	16	12	14	13	12

- 15. Describe the steps involved in the construction of an Ogive. List out its uses.
- 16. Discuss the relevance of Review of Related Literature, while attempting research. Mention its sources.
- 17. Differentiate Applied Research, Fundamental Research and Action Research in terms of scope and procedure.

(8 × 5 = 40 marks)

**Part III**

Answer any two questions.

Each question carries 15 marks.

- 18. What is meant by Hypothesis ? Explain its role in Educational research. State the different forms of hypotheses with suitable examples.
- 19. (a) Describe different Measures of Dispersion. Mention their relative merits and demerits.  
(b) Calculate Mean and Standard Deviation for the following frequency distribution Class :

Class Interval	10 - 19	20 - 29	30 - 39	40 - 49	50 - 59	60 - 69	70 - 79	80 - 89	Total
Frequency	20	30	38	56	48	26	20	12	250

- 20 (a) Explain the types of "Skewness" and "Kurtosis" and their method of Computation.  
(b) For a distribution of 1000 scores, with mean of 100 and standard deviation of 20, assuming normality, calculate (i) The number of scores between 60 and 120 ; (b) The raw score corresponding to P<sub>80</sub>.
- 21. Define Educational Research. Discuss the classification of Educational Research, giving an illustrative topic for each type.

(2 × 15 = 30 marks)

**B.Ed**  
**(1<sup>st</sup> Semester)**

**ENGLISH**

**EDU 05.2**

**THEORETICAL BASES OF TEACHING  
ENGLISH**



51993

(Pages : 2)

Name.....*Libby*.....

Reg. No.....*10-1-19*.....

**FIRST SEMESTER B.Ed. DEGREE EXAMINATION, DECEMBER 2018**

Education

EDU 05 2—THEORETICAL BASES OF TEACHING ENGLISH

(2017 Admissions)

Time : Three Hours

Maximum : 80 Marks

**Part A**

*Answer all questions.*

*Each question carries 2 marks.*

1. Write any two techniques suitable for teaching English vocabulary.
2. What are vowels ?
3. List any *two* sub-skills of writing.
4. What is phoneme ?
5. What is dialect ?
6. Enumerate any *two* aims of teaching English at junior stage.
7. What is rhythm in English ?
8. What is CLL ?
9. Differentiate process objective and product objective.
10. What are Phrasal verbs ?

(10 × 2 = 20 marks)

**Part B**

*Answer any ten questions.*

*Each question carries 4 marks.*

11. Explain the importance of English as a link language.
12. Explain word stress with examples.
13. Explain briefly the concept of CBLT.
14. Explain Micro Teaching. What are the phases of micro teaching ?
15. Enumerate the principles of language teaching.
16. How will you improve listening skills of students ?

Turn over

17. What are the techniques to develop English pronunciation of students ?
18. What are the characteristics of language ?
19. What are the maxims of teaching ? Explain.
20. With suitable illustrations, explain mother tongue interference in second language learning.
21. Differentiate between formal grammar and functional grammar.
22. What are the factors that influence second language learning ?

(10 x 4 = 40 mark

### Part C

*Answer any two questions.*

*Each question carries 10 marks.*

23. Explain the reading processes. What are the methods of teaching reading ?
24. Explain the theory of Multiple Intelligence in relation to English teaching.
25. In free India, the importance of English is more than what it used to be in British India. Discuss the importance of learning English.

(2 x 10 = 20 mar



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(Pages : 2)

Name.....

Reg. No.....

**FIRST SEMESTER B.Ed. DEGREE EXAMINATION, NOVEMBER 2017**

Education

**EDU 5 : 2—THEORETICAL BASES OF TEACHING ENGLISH**

(2017 Admissions)

Time : Three Hours

Maximum : 80 Marks

**Part A**

*Answer all questions.*

*Each question carries 2 marks.*

1. What are consonants ? Give examples.
2. Write any two sub-skills of listening.
3. What is allophone ?
4. Write any two techniques suitable for teaching English pronunciation.
5. Differentiate process objective and product objective.
6. What is active vocabulary ?
7. What is stress ?
8. What is register ?
9. Write any two aims of Teaching English at senior stage.
10. What is CELT ?

(10 × 2 = 20 marks)

**Part B**

*Answer any ten questions.*

*Each question carries 4 marks.*

11. Differentiate between language learning and acquisition.
12. Explain the importance of English as a library language.
13. Explain intonation with examples.
14. What are the factors that affect second language learning ?

Turn over

15. Explain briefly LAD of Noam Chomsky.
16. Explain Micro Teaching ? What is link practice ?
17. Enumerate the principles of language teaching.
18. How will you evaluate speaking skills of students ?
19. How will you improve the reading habits of your students ?
20. Illustrate inductive and deductive methods of teaching grammar.
21. What are the maxims of teaching ? Explain.
22. What are the characteristics of language ?

(10 × 4 = 40 marks)

### Part C

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

23. What are language skills ? Explain the ways of teaching the skills.
24. Explain the theory of Multiple Intelligence in relation to English teaching.
25. English has become one of the major languages of the world and Indians can neglect its study at their own risk. Discuss.

(2 × 10 = 20 marks)

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(Pages : 2)

Name.....

Reg. No.....

**FIRST SEMESTER B.Ed. DEGREE EXAMINATION, DECEMBER 2016**

**EDU 05.2—THEORETICAL BASES OF TEACHING ENGLISH**

(2015 Admissions)

**Time : Three Hours**

**Maximum : 80 Marks**

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

- 1 What do you mean by three language formula ?
- 2 Describe *critical listening*.
- 3 'Language and dialect are same'. Why don't you agree with it ?
- 4 Give expansion-TPR.
- 5 Why memoirs are included in English course book ?
- 6 Explain Simulation.
- 7 Write two demerits of short answer questions
- 8 Suggest two ways to increase vocabulary.
- 9 Why is English known as a link language ?
- 10 Is teacher a scaffolder ? Why ?

(10 × 2 = 20 marks)

**II. Answer any ten of the following. Each carries 4 marks :**

- 11 Differentiate-*Narration, Explanation, description*.
- 12 How will you argue in favour of direct method ?
- 13 What do you mean by an Approach ? How do method and technique differ from it ?
- 14 Why do you criticize the Grammar Translation Method ?
- 15 How can you boost up the creativity of your students ?
- 16 Describe innovative methods of establishing rapport.
- 17 Describe remedial teaching.
- 18 Do you prefer direct method or bi-lingual method in you classroom ? Why ?
- 19 What are the drawbacks of essay questions ?
- 20 What are the maxims of teaching ?

**Turn over**



- 21 Bring out the significance of language lab.
- 23 How the theory of Multiple Intelligence can be applied in English classroom?

(10 × 4 = 40 marks)

III. Answer any *two* of the following. Each carries 10 marks :

- 23 Do you agree that Constructivist Approach is full-fledged in all respects ? **Substantiate** your stand indicating the inadequacies of behaviouristic principles.
- 24 How can you make your poetry class active and creative ?
- 25 What are the language skills ? Suggest innovative ways of teaching these skills.

(2 × 10 = 20 marks)

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(Pages : 2)

Name.....

Reg. No.....

**FIRST SEMESTER B.Ed. DEGREE EXAMINATION, DECEMBER 2015**

**EDU 05.2—THEORETICAL BASES OF TEACHING ENGLISH**

(2015 Admissions)

Time : Three Hours

Maximum : 80 Marks

I. Answer *all* the questions. Each carries 2 marks.

- 1 What do you mean by *Focused* listening ?
- 2 Give the Expansion of INFLIBNET ?
- 3 Differentiate between learning and acquisition.
- 4 Define second language.
- 5 How a Thesaurus is different from a Dictionary ?
- 6 Write two sub skills of speaking ?
- 7 Which visual techniques can be used in teaching vocabulary ?
- 8 What is extended reading prescribed for ?
- 9 Suggest a few good websites for learning English.
- 10 List two activities to promote study skills in your pupil.

(10 × 2 = 20 marks)

II. Answer any *ten* of the following. Each carries 4 marks.

- 11 'Methods and approaches are identical'. Do you agree ? Why ?
- 12 Describe the what and how of Language Lab.
- 13 How can we blend Krashen and Chomsky as regards to their view of language teaching ?
- 14 Explain different language games ?
- 15 How will you apply MI theory in your English language class ?
- 16 'English is not only a skill subject but also a content subject'—Substantiate.
- 17 Bring out the significance of Communicative approach.
- 18 What are the drawbacks of written tests ?
- 19 What are the maxims of teaching ?
- 20 How will you argue in favour of Direct method ?

Turn over

- 21 Bring out the importance of English language at present era.
- 22 How can you utilize smart classroom to teach English ?

(10 × 4 = 40 marks)

III. Answer any *two* of the following. Each carries 10 marks.

- 23 Examine the perceptible difference between the behaviourist and constructivist approach of language teaching ?
- 24 English language teaching is in a whirlpool of problems in Indian scenario. Set first and settle them.
- 25 List language teaching techniques and observe how they can be updated.

(2 × 10 = 20 marks)

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(Pages : 2)

Name.....

Reg. No.....

**FIRST SEMESTER B.Ed. DEGREE EXAMINATION, APRIL 2015**

**EDU 132 – PEDAGOGIC PRACTICES IN ENGLISH**

(2012 Admission onwards)

Time : Two Hours

Maximum : 50 Marks

**Part A**

*Answer all questions.*

*Each question carries 1 mark.*

1. What is unit plan?
2. What is objective type evaluation?
3. What are homonyms?
4. Which are the two highest objectives in the cognitive domain?
5. Give two co-curricular activities in the English class.
6. Give two merits of essay type questions.
7. Give two limitations of microteaching.
8. Give two objectives of teaching poems at the secondary schools.

(8 × 1 = 8 marks)

**Part B**

*Answer all questions.*

*Each question carries 2 marks.*

9. What is metaphor? Give two examples.
10. Give two uses of past perfect tense.
11. Change the voice :
  - (a) Will you do the work?
  - (b) Have they read the book?
12. Give the other conditions of the given sentence :

If he went there, he would meet Ranjith.
13. Write any two sociological principles of language teaching.
14. What are the differences between Aims and Objectives?

Turn over

15. Give two important steps in evaluating a Seminar.
16. Give two uses of a Diagnostic Test.

(8 × 2 = 16 marks)

### Part C

*Answer any four questions.  
Each question carries 4 marks.*

17. Write short notes on the advantages and limitations of the various types of test items.
18. What are the differences between teaching of prose and poetry?
19. Briefly explain the importance and components of pedagogic analysis.
20. Prepare five different objective type questions from the lesson 'Son From America' in Std-IX.
21. Prepare a content analysis of the lesson 'The Princess on the Road' in Std-IX.
22. Write three essay type questions with value points from the lesson, 'Three Questions' in Std-VIII.

(4 × 4 = 16 marks)

### Part D

*Answer any one question.  
The question carries 10 marks.*

23. What are the differences between an achievement test and a diagnostic test? Explain the steps of constructing a diagnostic test.
24. Prepare a teaching manual in the constructivist pattern for teaching the given lines :

Rise, brothers, rise, the wakening skies pray to  
the morning light,  
The wind lies asleep in the arms of the dawn  
Like a child that has cried all night.  
Come, let us gather our nets from the shore, and  
Set our catamarans free  
To capture the leaping wealth of the tide, for  
We are the sons of the sea!

[Std VIII, Volume I]

(1 × 10 = 10 marks)



# **MALAYALAM**

**EDU 05.4**

## **THEORETICAL BASES OF TEACHING MALAYALAM**



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(Pages : 2)

Name.....*Libby*.....

Reg. No.....*10-1-19*.....

**FIRST SEMESTER B.Ed. DEGREE EXAMINATION, DECEMBER 2018**

**Education**

**EDU 05.4—THEORETICAL BASES OF TEACHING MALAYALAM**

**(2017 Admissions)**

Time : Three Hours

Maximum : 80 Marks

**Part A**

എല്ലാ ചോദ്യങ്ങൾക്കും ഉത്തരമെഴുതുക.  
ഓരോ ചോദ്യത്തിനും 2 മാർക്ക് വീതം.

1. ഭാഷയ്ക്ക് സാമൂഹിക ജീവിതത്തിലുള്ള റോളെന്ത് ?
2. ബോധനോദ്ദേശ്യങ്ങളെ എങ്ങനെയാണ് വർഗ്ഗീകരിച്ചിരിക്കുന്നത് ?
3. എന്താണ് പ്രവചനാത്മക നിഗമനം ?
4. കവിതാ പാരായണത്തിലെ മാനസിക പ്രക്രിയകളേവ ?
5. ശ്രാവ്യവായനയുടെ ഗുണങ്ങളേവ ?
6. ഭാഷാദക്ഷത, നിർവ്വഹണം ഇവയെന്ത് ?
7. എന്താണ് അഭിവാചനം ? ഇതിന്റെ പ്രയോജനമെന്ത് ?
8. കാതൽ അധ്യാപന നൈപുണികളേവ ?
9. എന്താണ് ഏകകേന്ദ്രാസൂത്രണതത്വം ?
10. നിർധാരണം, സംയോജനം ഇവയെന്ത് ?

(10 × 2 = 20 marks)

**Part B**

പത്തു ചോദ്യങ്ങൾക്കുത്തരമെഴുതുക.  
ഓരോ ചോദ്യത്തിനും 4 മാർക്ക് വീതം.

11. ഭാഷയിൽ മാധ്യമങ്ങളുടെ സ്വാധീനം—വിശദീകരിക്കുക.
12. ഭാഷാഭ്യസനത്തിന്റെ പ്രത്യേക ലക്ഷ്യങ്ങളേവ ?
13. വായന അഭ്യസിപ്പിക്കുന്നതിനുള്ള മാർഗ്ഗങ്ങളേവ ?

Turn over

14. വിവിധ പദാവലികളേവ ? ഇവ സ്വായത്തമാക്കാൻ കുട്ടികളെ നിങ്ങളെങ്ങനെ സഹായിക്കും ?
15. അക്ഷരത്തൊറ്റു പരിഹരിക്കാൻ നിങ്ങൾ നൽകുന്ന ക്ലാസ്സ് റൂം പ്രവർത്തനങ്ങൾ ഏവ ?
16. എന്താണ് ഭാഷാകേളികൾ ? ഇവയുടെ പ്രയോജനമെന്ത് ?
17. എന്താണ് അനുക്രമീകരണം ? ഭാഷയിൽ ദീക്ഷിക്കേണ്ട പ്രധാന അനുക്രമീകരണമെന്ത് ?
18. നിലവിലുള്ള പാഠ്യപദ്ധതി ലക്ഷ്യങ്ങൾ നേടാൻ പര്യാപ്തമാണോ ? വിശദമാക്കുക.
19. പ്രകടനത്തിനു മുൻപ് സ്വീകരണം—ഇതിന്റെ ഭാഷാപരമായ പ്രസക്തിയെന്ത് ?
20. ഭാഷയും സംസ്കാരവും തമ്മിലുള്ള ബന്ധമെന്ത് ?
21. എന്താണ് ഉദ്ദേശ്യധിഷ്ഠിതബോധനം ? വിശദീകരിക്കുക.
22. ഉദ്ഗ്രഥിത പാഠ്യപദ്ധതിയുടെ ഗുണദോഷങ്ങളേവ ?

(10 × 4 = 40 m)

### Part C

രണ്ടു ചോദ്യങ്ങൾക്കുത്തരമെഴുതുക.

ഓരോ ചോദ്യത്തിനും 10 മാർക്ക് വീതം.

23. ബ്ലാംസ് ടാക്സോണമി വിവരിച്ച് നവീകരണത്തിൽ വന്നുചേർന്ന മാറ്റങ്ങൾ വ്യക്തമാക്കുക.
24. ഭാഷാഭ്യസനം ഇന്നു നേരിടുന്ന വെല്ലുവിളികളേവ ?
25. ശ്രദ്ധ വികസിപ്പിക്കാനുള്ള ക്ലാസ്സ് റൂം പ്രവർത്തനങ്ങളേവ ? വിവരിക്കുക.

(2 × 10 = 20 m)

C 32320

(Pages : 2)

Name.....

Reg. No.....

FIRST SEMESTER B.Ed. DEGREE EXAMINATION, NOVEMBER 2017

Education

EDU 5 : 4—THEORETICAL BASES OF TEACHING MALAYALAM

(2017 Admissions)

Time : Three Hours

Maximum : 80 Marks

Part A

എല്ലാ ചോദ്യത്തിനും ഉത്തരമെഴുതുക.

2 മാർക്കു വീതം.

1. ഭാഷയും ചിന്തയും തമ്മിലുള്ള ബന്ധമെന്ത് ?
2. എന്താണ് പ്രത്യക്ഷബോധനം ?
3. വൈകാരിക ഉദ്ദേശ്യങ്ങൾക്ക് രണ്ട് ഉദാഹരണം നൽകുക.
4. "മുഴുവനായതിൽനിന്ന് ഭാഗങ്ങളിലേക്ക്"—ഇതെന്താണ് ? വിശദീകരിക്കുക.
5. എന്താണ് തീവ്രവായന ?
6. ഉച്ചാരണ ശിക്ഷണത്തിന്റെ ആവശ്യകതയെന്ത് ?
7. കയ്യക്ഷരത്തിനുവേണ്ട ഗുണങ്ങളേവ ?
8. എന്താണ് ചോദകവ്യതിയാനം ?
9. പാഠ്യപദ്ധതിയുടെ നൈരന്തര്യം എന്ന ഗുണം എന്താണ് ? വിശദമാക്കുക.
10. കഠിനാക്ഷര ശൃംഖലകൾക്ക് രണ്ടു ഉദാഹരണം നൽകുക.

(10 × 2 = 20 marks)

Part B

പത്തു ചോദ്യങ്ങൾക്ക് ഉത്തരമെഴുതുക.

4 മാർക്കു വീതം.

11. ഭാഷയും സർഗ്ഗാത്മകതയും തമ്മിലുള്ള ബന്ധമെന്ത് ?
12. NCERT ബോധനോദ്ദേശ്യങ്ങളെ എങ്ങനെ വർഗ്ഗീകരിക്കുന്നു ?
13. ശ്രദ്ധാനൈപുണി വികസിപ്പിക്കുന്നതിനുള്ള മാർഗ്ഗങ്ങളേവ ?

Turn over

- 14. ഉച്ചാരണ വൈകല്യങ്ങൾക്കുള്ള കാരണങ്ങളേവ ?
- 15. ലേഖനാഭ്യസനത്തിനുള്ള വിവിധ മാർഗ്ഗങ്ങളേവ ?
- 16. സൂക്ഷ്മബോധനത്തിനുള്ള ഗുണദോഷങ്ങളേവ ?
- 17. ഭാഷയെ കാതൽ വിഷയമെന്ന രീതിയിൽ എങ്ങനെ സംവിധാനം ചെയ്യും ? വിവരിക്കുക.
- 18. പാഠ്യപദ്ധതി നിർമ്മാണത്തിൽ ഉദ്ദേശ്യങ്ങൾക്കുള്ള സ്ഥാനമെന്ത് ?
- 19. എന്താണ് അധ്യാപന പ്രമാണങ്ങൾ ? എന്താണിവയുടെ പ്രസക്തി ?
- 20. മലയാള ഭാഷയുടെ ഔദ്യോഗിക ഭാഷാപദവി ചർച്ച ചെയ്യുക.
- 21. ഭാഷാധ്യാപകർക്കു അവശ്യം വേണ്ട നൈപുണികളേവ ?
- 22. ഉച്ചാരണം സ്വരദേശം ഇവയെന്ത് ? ഇവയെങ്ങനെ മെച്ചപ്പെടുത്തും ?

(10 × 4 = 40 marks)

**Part C**

രണ്ടു ചോദ്യങ്ങൾക്ക് ഉത്തരമെഴുതുക.

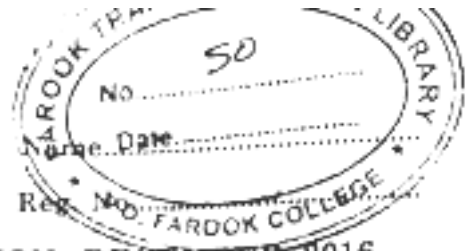
10 മാർക്കു വീതം.

- 23. എന്താണ് ചിഹ്നം ? ഭാഷയിലുപയോഗിക്കുന്ന പ്രധാന ചിഹ്നങ്ങളേവ ? ഇവയുടെ ഉപയോഗമെന്ത്
- 24. പാഠ്യപദ്ധതി രൂപീകരണത്തിൽ ശ്രദ്ധിക്കേണ്ട കാര്യങ്ങളേവ ? വിവരിക്കുക.
- 25. അധ്യാപന പ്രമാണങ്ങളേവ ? വിശദീകരിക്കുക.

(2 × 10 = 20 marks)

D.13142

(Pages : 2)



FIRST SEMESTER B.Ed. DEGREE EXAMINATION, DECEMBER 2016

EDU 05.4—THEORETICAL BASES OF TEACHING MALAYALAM

(2015 Admissions)

Time : Three Hours

Maximum : 80 Marks

Part A

എല്ലാ ചോദ്യങ്ങൾക്കും ഉത്തരം എഴുതുക.

ഓരോ ചോദ്യത്തിനും 2 മാർക്ക്.

1. പഴയ അധ്യാപന രീതികളുടെ സ്വന്തകൾ എന്തെല്ലാം ?
2. അറിവിന്റെ വികരണമല്ല, അറിവിന്റെ നിർമ്മാണമാണ് ക്ലാസ്സുകളിൽ നടക്കേണ്ടത്—പ്രതികരിക്കുക.
3. ഭാഷയും സംസ്കാരവും തമ്മിൽ എങ്ങനെ ബന്ധപ്പെട്ടിരിക്കുന്നു ?
4. ശ്രാവ്യവാചനയുടെ പ്രയോജനങ്ങൾ എന്തെല്ലാം ?
5. പ്രധാനപ്പെട്ട ഉച്ചാരണ വൈകല്യങ്ങൾ ഏവ ?
6. ഒരു വ്യക്തിയുടെ ചിന്താപ്രവർത്തനത്തിൽ ഭാഷയ്ക്കുള്ള സ്ഥാനമെന്ത് ?
7. ഭാഷാപഠനത്തിൽ നാടോടിവിജ്ഞാനീയത്തിന്റെ പ്രാധാന്യം എന്ത് ?
8. 'ഗ്രഹണം' എന്ന ബോധനോദ്ദേശ്യത്തിന്റെ രണ്ട് സ്പഷ്ടീകരണങ്ങൾ എഴുതുക.
9. പ്രഭാഷണ രീതിയുടെ നേട്ടങ്ങൾ എന്തെല്ലാം ?
10. ഭാഷാബോധനത്തിൽ അന്യകഥീകരണം (Gradation) പാലിക്കേണ്ടതിന്റെ ആവശ്യകത എന്ത് ?

(10 × 2 = 20 marks)

Part B

എന്തെങ്കിലും പത്തു ചോദ്യങ്ങൾക്ക് ഉത്തരം എഴുതുക.

ഓരോ ചോദ്യത്തിനും 4 മാർക്ക്.

11. സ്പൈറൽ രീതി പാഠ്യപദ്ധതി ഭാഷാബോധനോദ്ദേശ്യങ്ങൾ നേടാൻ എത്രമാത്രം സഹായകരമാണ്—വിലയിരുത്തുക.
12. ഔദ്യോഗിക തലങ്ങളിൽ മാതൃഭാഷയായ മലയാളം എത്രമാത്രം അംഗീകരിക്കപ്പെടുന്നുണ്ട്? വിശദീകരണം ചെയ്യുക.
13. 'വായന ഒരു സമയം ക്രിയാത്മക നൈപുണ്ണിയും സ്വീകരണ നൈപുണ്ണിയുമാണ്'—വ്യക്തമാക്കുക.
14. ബോധന മാതൃകകളുടെ സവിശേഷതകൾ വ്യക്തമാക്കുക.
15. കളി രീതിയുടെ പ്രയോജനങ്ങൾ എന്തെല്ലാം ?

Turn over

- 16. സെക്കന്ററി തലത്തിലെ ഗദ്യപഠന ലക്ഷ്യങ്ങൾ ഏതെല്ലാം ?
- 17. ബോധന മാധ്യമം മാതൃഭാഷയാക്കേണ്ടതിന്റെ പ്രാധാന്യം വ്യക്തമാക്കുക.
- 18. ഉദ്ദേശ്യധിഷ്ഠിത ബോധനത്തിൽ മൂല്യനിർണ്ണയത്തിന്റെ പ്രാധാന്യം വിശദമാക്കുക.
- 19. ശരിയായ ഉച്ചാരണം അഭ്യസിപ്പിക്കുവാൻ സ്വീകരിക്കാവുന്ന മാർഗ്ഗങ്ങൾ ഏതെല്ലാം ? വിവരിക്കുക.
- 20. ആധുനിക ക്ലാസ്സ് മുറികളിൽ ഭാഷാധ്യാപകന്റെ സ്ഥാനം എന്തായിരിക്കണം ? സ്വാഭാപ്രായം സമർത്ഥിക്കുക.
- 21. ഉപപാഠനം എന്നാൽ എന്ത് ?
- 22. വർണ്ണനയും വിവരണവും തമ്മിലുള്ള വ്യത്യാസങ്ങൾ എന്തെല്ലാം ?

(10 × 4 = 40 marks)

Part C

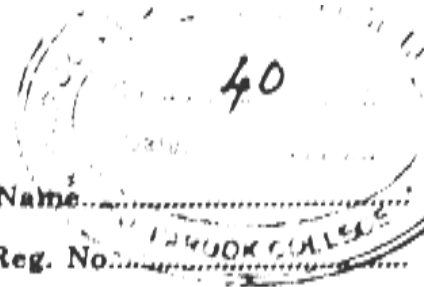
ഏതെങ്കിലും രണ്ടു ചോദ്യങ്ങൾക്ക് ഉത്തരം എഴുതുക.

ഓരോ ചോദ്യത്തിനും 10 മാർക്ക് വീതം.

- 23. സമപ്രായാധ്യയനത്തിന്റെ പ്രത്യേകതകൾ എന്തെല്ലാം ? ഭാഷാക്ലാസ്സിൽ സമപ്രായാധ്യയനം നടപ്പിൽ വരുത്തുവാൻ സഹായകമായ പഠന സാഹചര്യങ്ങൾ ഏതെല്ലാം ? വിവരിക്കുക.
- 24. ഭാഷാവിവഹാര രൂപങ്ങൾ എന്നതുകൊണ്ട് ഉദ്ദേശിക്കുന്നതെന്ത് ? ഉദാഹരണസഹിതം വിശദമാക്കുക. ഭാഷാക്ലാസ്സുകളിൽ ഇവയുടെ പ്രാധാന്യമെന്ത് ?
- 25. സിനറ്റിക് ബോധന മാതൃകയുടെ പ്രധാന ഘടകങ്ങളും പ്രയോജനങ്ങളും വിശദമാക്കുക.

(2 × 10 = 20 marks)

24-2-16



D 92527

(Pages : 2)

Name.....

Reg. No.....

FIRST SEMESTER B.Ed. DEGREE EXAMINATION, DECEMBER 2015

EDU 05.4—THEORETICAL BASES OF TEACHING MALAYALAM

(2015 Admissions)

Time : Three Hours

Maximum : 80 Marks

Part A

എല്ലാ ചോദ്യങ്ങൾക്കും ഉത്തരം എഴുതുക.

ഓരോ ചോദ്യത്തിനും 2 മാർക്ക്.

1. സഹവർത്തിത ക്ലാസ്സിന്റെ നാല് സവിശേഷതകൾ എഴുതുക.
2. മൂല്യബോധത്തിന്റെ വികസനത്തിന് ഭാഷാപഠനം പ്രയോജനപ്പെടുന്നതെങ്ങനെ ?
3. 'വായനയ്ക്ക് മുമ്പ് വചനശിക്ഷണം' എന്ന അന്യക്രമീകരണതത്വം വിശദമാക്കുക.
4. ഒരു മാർഗ്ഗദർശി (Mentor) എന്ന നിലയിൽ ഭാഷാധ്യാപകനുമായിരിക്കേണ്ട ഗുണങ്ങൾ എന്തെല്ലാം ?
5. പ്രതിഫലനാത്മക പഠനത്തിന്റെ (Reflective learning) പ്രത്യേകതകൾ കുറിക്കുക.
6. ഏതെങ്കിലും രണ്ട് അധ്യാപന പ്രമാണങ്ങൾ (Maxims of teaching) എഴുതുക.
7. നല്ല കൈയ്യക്ഷരത്തിനുമായിരിക്കേണ്ട ഗുണങ്ങൾ ഏവ ?
8. പഠനപ്രക്രിയയിൽ പഠനാനുഭവങ്ങൾക്കുള്ള പ്രാധാന്യം വ്യക്തമാക്കുക.
9. ഭാഷാപഠനത്തിന് ആശയ സമ്പാദന മാതൃക ഉപയോഗിക്കുന്നതു കൊണ്ടുള്ള രണ്ട് ഗുണങ്ങൾ രേഖപ്പെടുത്തുക.
10. ഭാഷാപഠനത്തിന് നാടകരീതി ഉപയോഗിക്കുവാൻ ഉചിതമായ ഒരു പഠനസന്ദർഭം കുറിക്കുക.

(10 × 2 = 20 marks)

Part B

ഏതെങ്കിലും പത്ത് ചോദ്യങ്ങൾക്ക് ഉത്തരം എഴുതുക.

4 മാർക്ക് വീതം.

11. സാമൂഹികവും സാംസ്കാരികവുമായ വികസനത്തിൽ മാതൃഭാഷയ്ക്ക് വലിയ പങ്ക് വഹിക്കുവാൻ കഴിയും—സമർത്ഥിക്കുക.
12. 'പ്രവർത്തനാധിഷ്ഠിത പാഠ്യപദ്ധതി'—കുറിപ്പെഴുതുക.
13. ഉച്ചാരണ വൈകല്യത്തിനുള്ള കാരണങ്ങളും പരിഹാരമാർഗ്ഗങ്ങളും വിശദമാക്കുക.
14. ശ്രവണ/ശ്രദ്ധാനൈപുണി വികസനത്തിനായി നൽകാവുന്ന പ്രവർത്തനങ്ങൾ വിവരിക്കുക.

Turn over





- 15. പഠനാനുഭവങ്ങൾ തിരഞ്ഞെടുക്കുമ്പോൾ അധ്യാപകൻ ശ്രദ്ധിക്കേണ്ട കാര്യങ്ങൾ എന്തെല്ലാം ?
- 16. ഭാഷാപഠനത്തിന് പ്രോജക്ട് രീതി എത്രമാത്രം ഉപയോഗപ്രദമാണ്—സമർത്ഥിക്കുക.
- 17. ബോധനമാതൃകകളുടെ പൊതുഘടകങ്ങൾ ഏവ ? വിശദമാക്കുക.
- 18. സമപ്രായാധ്യയനം എന്നാൽ എന്ത് ? ഗുണങ്ങളും ദോഷങ്ങളും പ്രതിപാദിക്കുക.
- 19. വൈജ്ഞാനിക മണ്ഡലവുമായി ബന്ധപ്പെട്ട മലയാള ഭാഷാബോധനോദ്ദേശ്യങ്ങൾ വ്യക്തമാക്കുക.
- 20. ഭാഷാപഠനത്തിനുപയോഗിക്കുന്ന വിവിധ ഭാഷാവ്യവഹാരരൂപങ്ങൾ ഏതെല്ലാം ? വിവരിക്കുക.
- 21. സെക്കന്ററി തലത്തിലെ കവിതാബോധനത്തിന്റെ ലക്ഷ്യങ്ങൾ എന്തെല്ലാം ? രണ്ട് പഠനപ്രവർത്തനങ്ങൾ കുറിക്കുക.
- 22. വ്യാകരണപഠനം ഭാഷാക്ലാസ്സുകളിൽ വേറിട്ട് നടക്കേണ്ട പ്രവർത്തനമല്ല. സമർത്ഥിക്കുക.

(10 × 4 = 40 marks)

**Part C**

ഏതെങ്കിലും രണ്ട് ചോദ്യത്തിന് ഉത്തരം എഴുതുക.

10 മാർക്ക് വീതം.

- 23. ഉദ്ദേശ്യാധിഷ്ഠിത ബോധനത്തിന്റെ അടിസ്ഥാന തത്വങ്ങൾ ഏവ ? ആധുനിക ഭാഷാബോധനരീതികളുമായി ഇത് എങ്ങനെ ഇണക്കിച്ചേർക്കാം ?
- 24. ഭാവനാസമ്പന്നനും ഉൽപ്പതിഷ്ണുവുമായ ഒരാൾക്കു മാത്രമേ ഭാഷാധ്യാപകൻ എന്ന നിലയിൽ ശോഭിക്കുവാൻ കഴിയുകയുള്ളൂ—പരിശോധിക്കുക.
- 25. മാതൃഭാഷാബോധനത്തിൽ അന്യക്രമീകരണം പാലിക്കേണ്ടതുണ്ടോ ? പ്രധാന അന്യക്രമീകരണതത്വങ്ങൾ ആധുനിക മനഃശാസ്ത്ര സിദ്ധാന്തങ്ങളുടെ പശ്ചാത്തലത്തിൽ പരിശോധിക്കുക.

(2 × 10 = 20 marks)

# **PHYSICAL SCIENCE**

**EDU 05.12**

## **THEORETICAL BASES OF TEACHING PHYSICAL SCIENCE**

**D 52002**

(Pages : 2)

Name.....*Library*

Reg. No.....*60-15-19*

**FIRST SEMESTER B.Ed. DEGREE EXAMINATION, DECEMBER 2018**

Education

**EDU 05.12—THEORETICAL BASES OF TEACHING PHYSICAL SCIENCE**

(2017 Admissions)

Time : Three Hours

Maximum : 80 Marks

**Part A**

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

1. Give two characteristics of brain storming.
2. What is a concept map ?
3. What are the micro elements of Micro Teaching ?
4. Write two difference between curriculum and syllabus.
5. List any two emerging interdisciplinary branches of science.
6. Mention two taxonomies helpful for a science teacher.
7. Give two aspects of utilitarian value of science.
8. Write two major principles of curriculum construction.
9. Differentiate analysis and synthesis.
10. Give any four teaching techniques useful in science class.

(10 × 2 = 20 marks)

**Part B**

*Answer any ten questions.  
Each question carries 4 marks.*

11. What are Mnemonics ? Give two mnemonics useful for Science learning.
12. What is Link Practice ?
13. Explain the domain proposed by McCormark and Yager for developing higher order thinking.
14. Explain the major values of teaching Physical Science.
15. Science is a process and a product. Elaborate the concept.

**Turn over**

16. What is Scientific Attitude ? Suggest five strategies for promoting Scientific attitude.
17. What is concentric plan of curriculum approach ?
18. What are maxims of teaching ? Briefly explain any six maxims.
19. Suggest four proposals for conducting a seminar effectively.
20. Explain Dalton Plan.
21. Briefly explain any one Digital Taxonomy.
22. How would you teach physical science by connecting with other subjects ?

(10 × 4 = 40 marks)

### Part C

*Answer any two questions.*

*Each question carries 10 marks.*

23. Problem solving method is a significant method of instruction in Science classes. Elaborate statement.
24. What is objective based Instruction? Explain Blooms Taxonomy of objectives.
25. Practicing a single skill before the peers give confidence for real class teaching. Explain a procedure for teaching skill acquisition among student teachers.

(2 × 10 = 20 marks)

C 32328

(Pages : 2)

Name.....

Reg. No.....

**FIRST SEMESTER B.Ed. DEGREE EXAMINATION, NOVEMBER 2017**

Education

EDU 05.12—THEORETICAL BASES OF TEACHING PHYSICAL SCIENCE

(2017 Admissions)

Time : Three Hours

Maximum : 80 Marks

**Part A**

*Answer all questions.*

*Each question carries 2 marks.*

1. Mention four maxims of teaching.
2. Give two Specific Objectives for each :
  - (a) Understanding.
  - (b) Application.
3. What are the phases of Micro teaching ?
4. Give two features of Symposium.
5. Write two aspects of cultural value of science.
6. List four processes of science.
7. Give the contribution of the following personalities to Education.
  - (a) Osborn.
  - (b) Mc Cormark and Yager.
8. What is disciplinary approach of science curriculum ?
9. Give four teacher behaviour that comes under the skill of explanation.
10. What is (a) CBA. (b) PSSC.

(10 × 2 = 20 marks)

**Part B**

*Answer any ten questions.*

*Each question carries 4 marks.*

11. What is objective based Instruction ?
12. Give the revised Blooms taxonomy of Anderson and Krathwohl. How is it different from Blooms original Taxonomy ?

**Turn over**

13. Suggest and explain a technique to develop teaching skills among preservice teachers.
14. What is correlation ? Give two examples where a science teacher can correlate the subject with other disciplines ?
15. Explain project Method.
16. "Is Science blessing or curse". How will you conduct a debate on this topic in secondary school class ?
17. Curriculum, Syllabus and Textbook are interrelated. Interpret the statement.
18. Explain problem solving method of science teaching.
19. Questioning technique is useful for developing thinking skills. Explain.
20. What is the importance of learning experience in Teaching ? Suggest any *four* modes of providing learning experience
21. What is an Analogy ? What are the advantages of using analogy in science class ?
22. Explain the significance of lecture cum demonstration method in Science classes.

(10 × 4 = 40 marks)

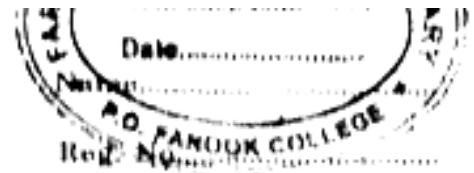
### Part C

*Answer any two questions.*

*Each question carries 10 marks.*

23. What are the important teaching skills for a secondary school Science teacher ? Explain.
24. Explain the major approaches to Science Curriculum Construction.
25. Scientific Attitude and Scientific Aptitude are two essential outcomes of Science Learning. Substantiate.

(2 × 10 = 20 marks)



**FIRST SEMESTER B.Ed. DEGREE EXAMINATION, DECEMBER 2016**

**KDU 05.12 THEORETICAL BASES OF TEACHING PHYSICAL SCIENCE**

(2016 Admissions)

**Time : Three Hours**

**Maximum : 80 Marks**

**Part A**

*Answer all questions.*

*Each question carries 2 marks each.*

1. Mention any *two* recommendations of NCF (2006) with respect to science curriculum.
2. Using a definition bring out the process and product aspects of science.
3. Mention a topic that may be taught through problem solving method. Write the problem you may frame for this topic.
4. Mention any *four* features of collaborative learning.
5. List the various steps involved in project method.
6. What are four basic stages of curriculum development ?
7. Mention any *two* areas of physical science where type study can be employed.
8. List any *two* supplementary readers suitable for second school students. Mention their publishers.
9. Mention the first aid for :
  - (a) Acid burn.
  - (b) Unknown Poison.
10. Write example from physical science for Analysis and synthesis.

(10 × 2 = 20 marks)

**Part B**

*Answer any ten questions.*

*Each question carries 4 marks.*

11. Explain any *four* functions of science.
12. List the eight issues on which Kerala curriculum is based.
13. Write a short note on First Aid Kit. List its contents.
14. Explain concept map with an example from physical science.
15. What are the instructional and Nurturant effects of concept attainment model.
16. Describe any *four* patterns by which you can impliment supervised study in science classroom.

**Turn over**

17. Explain the different types of registers maintained in a science laboratory.
18. Write short note with example :
- (a) Deduction. (b) Analogy.
19. What are the advantages of pupil's workbook ?
20. How can a science teacher secure transfer of training of scientific method.
21. Explain any *four* factors which affect the curriculum organisation.
22. Describe any *four* advantages of cluster meeting in state schools.

(10 × 4 = 40 marks)

### Part C

*Answer any two questions.*

*Each question carries 10 marks each.*

23. Differentiate between curriculum and syllabus. Briefly explain the important principles to be considered while constructing science curriculum.
24. State and explain Mill's canons of induction with examples from physical science.
25. Explain the significance of heurism in teaching of science. Mention the role of the teacher and pupil ; merit and limitations of the method.

(2 × 10 = 20 marks)



D 92535

(Pages : 2)

Name.....<sup>24/2/16</sup>.....

Reg. No.....

**FIRST SEMESTER B.Ed. DEGREE EXAMINATION, DECEMBER 2015**

**EDU 05.12—THEORETICAL BASES OF TEACHING PHYSICAL SCIENCE**

(2015 Admissions)

Time : Three Hours

Maximum : 80 Marks

**Part A**

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

1. Mention any *four* values of science.
2. List any four emerging interdisciplinary subjects in the field of science.
3. Mention any *four* characteristics of learning in a constructivist classroom.
4. What is the role of teacher and student in guided discovery learning.
5. What are the disadvantages of individual laboratory method ?
6. What are the various stages of Brainstorming technique ?
7. Which are the families of models of teaching ?
8. What are the advantages of improvisations ?
9. Mention any *four* different sections of science library.
10. Distinguish between observation and experiment.

(10 × 2 = 20 marks)

**Part B**

*Answer any ten questions.  
Each question carries 4 marks.*

11. Bring out the importance of science as a compulsory subject of school curriculum.
12. Explain the criteria of a good demonstration. What are the merits of the method ?
13. Explain any two different graphic organizers with example.
14. What is scaffolding ? Explain with any two illustrations from science classroom.
15. Cite any two common misconception of pupils in science and explain its remedial measures.
16. Differentiate between incident and systematic correlation with examples.
17. Briefly explain any *one* improvised aid and its use in the classroom.

Turn over

18. List any *four* accidents that may happen in a science laboratory and their respective first aid.
19. Explain hidden curriculum with examples from science.
20. Explain concentric approach to curriculum organisation with example.
21. State various stages in the syntax of concept attainment model.
22. What is hypothesis ? What are the criteria of a good hypothesis ?

(10 × 4 = 40 marks)

### Part C

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

23. Explain the salient features of KCF (2007) with special reference to science education.
24. Explain Vogel's criteria of evaluation of science text book citing two items under each aspect.
25. Discuss the various steps involved in scientific method citing an example from physical science.

(2 × 10 = 20 marks)

C 81128

(Pages : 2)

Name.....

Reg. No.....

**FIRST SEMESTER B.Ed. DEGREE EXAMINATION, APRIL 2015**

**EDU 122 – METHODOLOGY OF TEACHING PHYSICAL SCIENCE**

(2012 Admission onwards)

Time : Two Hours

Maximum : 50 Marks

**Part A**

*Answer all questions.*

*Each question carries 1 mark.*

1. What is Brain storming?
2. Why should we adopt inductive approach in teaching Physical Science?
3. Write the role of teacher in Project method.
4. Bring out the merits of organising Heuristic method for secondary school students.
5. List the advantages of supervised study.
6. Give any *two* suggestions for Science education on the basis of KCF 2007.
7. Why do teacher prefer lecture-cum demonstration method?
8. Distinguish between a fact and a concept.

(8 × 1 = 8 marks)

**Part B**

*Answer all questions.*

*Each question carries 2 marks.*

9. Mention any *four* functions of Science.
10. Write any *four* educational implications of the theory of social constructivism.
11. What does the banking concept of education denote?
12. Write a short note on the integration of theories and experiments in Science.
13. Write any *four* characteristics of collaborative learning.
14. Suggest suitable ways of making scientific demonstration pupil-centred.
15. List any *two* issues and corresponding topics that may be suitable for issue-based learning.
16. Write a short note on Guided discovery approach.

(8 × 2 = 16 marks)

Turn over

**Part C**

*Answer any four questions.*

*Each question carries 4 marks.*

17. Describe the problem solving cycle.
18. Distinguish between Project method and Individualised laboratory method.
19. Lecture method is not only dull, but also harmful to the development of skill in logical thinking of the students. To what extent is the statement true with regard to the teaching of Physical Science?
20. Distinguish between Product and Process approach in teaching Physical Science.
21. Prepare a project plan on any relevant science problem.
22. Distinguish between Scientific attitude and Scientific aptitude.

(4 × 4 = 16 marks)

**Part D**

*Answer any one question.*

*The question carries 10 marks.*

23. Explain the Gardner's theory of Multiple Intelligences with special reference to school service curriculum.
24. Describe Dalton plan bringing its merits and demerits.

(1 × 10 = 10 marks)

C 81116

(Pages : 2)

Name.....

Reg. No.....

**FIRST SEMESTER B.Ed. DEGREE EXAMINATION, APRIL 2015**

**EDU 142 – PEDAGOGIC PRACTICES IN PHYSICAL SCIENCE**

(2012 Admission onwards)

Time : Two Hours

Maximum : 50 Marks

**Part A**

*Answer all questions.*

*Each question carries 1 mark.*

1. Draw Bohr model of Sodium ( ${}_{11}\text{Na}^{23}$ ) atom.
2. Write the names of two carbon fuels.
3. State Ohm's Law.
4. Distinguish between Mass and Weight.
5. Mention the specifications of the objective 'Scientific Attitude'.
6. Pictorially represent the interdependence of objectives, learning experience and evaluation.
7. Define Micro teaching.
8. Give the conceptual meaning of Pedagogic Analysis.

(8 × 1 = 8 marks)

**Part B**

*Answer all questions.*

*Each question carries 2 marks.*

9. State and explain total internal reflection.
10. What do you mean by Magnetic flux density?
11. Mention the Herbartian steps in the planning of a lesson.
12. Mercury does not wet glass walls. Why?
13. What is Presbyopia?
14. Give any two activity assignments for the topic 'Acids'.
15. Prepare a list of teaching aids suitable for teaching the topic Refraction.
16. What is meant by Comprehensive evaluation?

(8 × 2 = 16 marks)

**Turn over**



**Part C**

*Answer any four questions.*

*Each question carries 4 marks.*

17. State the curricular objectives and learning experiences of the topic 'Wave Motion'.
18. Describe general aims of teaching Physical Science.
19. How will you organise a project to teach purification of water in Standard VIII? How will you evaluate it?
20. How will you present the topic 'Law of Floatation' through induction?
21. State and explain Law of Conservation of Momentum.
22. Briefly explain the steps in the preparation of a diagnostic test.

(4 × 4 = 16 marks)

**Part D**

*Answer any one question.*

*The question carries 10 marks.*

23. Discuss in detail Bloom's taxonomy of educational objectives with specific examples from Physics/Chemistry and express your views on Revised Bloom's Taxonomy.
24. Prepare a lesson plan for a period of 45 minutes on any *one* of the topic :
  - (a) Thrust and Pressure.
  - (b) Solutions.

(1 × 10 = 10 marks)

# **NATURAL SCIENCE**

**EDU 05.11**

## **THEORETICAL BASES OF TEACHING NATURAL SCIENCE**

D 52001

(Pages : 2)

Name.....*Arshad*.....

Reg. No.....*10-1-19*.....

**FIRST SEMESTER B.Ed. DEGREE EXAMINATION, DECEMBER 2018**

**Education**

**EDU 05 11—THEORETICAL BASES OF TEACHING NATURAL SCIENCE**

**(2017 Admissions)**

**Time : Three Hours**

**Maximum : 80 Marks**

**Part A**

*Answer all questions.*

*Each question carries 2 marks.*

1. Define hypothesis.
2. List any four maxims of teaching ?
3. Draw a flow chart depicting different families of models of teaching.
4. What is collaborative learning ?
5. Write down any four objectives of teaching Natural Science with respect to NCF 2005 .
6. Do you think that link practices are necessary ? Justify.
7. Write a short note on objective based evaluation.
8. Write any four features of a person who possess scientific attitude.
9. Distinguish between incidental and systematic correlation.
10. Define critical pedagogy.

(10 × 2 = 20 marks)

**Part B**

*Answer any ten questions.*

*Each question carries 4 marks.*

11. Describe the method, which was used by scientists to explore new knowledge.
12. Explain about the different approaches of curriculum construction.
13. Explain about Lev Vygotsky's views on learning.
14. List out the process skills in Biology. Explain how you would develop these skills in your students?
15. Mention the relevance of micro-teaching as a teacher training programme.
16. Differentiate between inductive and deductive approaches.

**Turn over**



17. Explain the steps in Problem solving method.
18. Brain storming is one of the effective techniques for developing concepts of social relevance. Explain.
19. What are the nine unifying themes of BSCS curriculum reforms ?
20. Examine the relevance of Concept Attainment Model in learning Biological science.
21. Write about the path breaking history of any one world biologist.
22. Give a brief account about the elements of collaborative learning.

(10 × 4 = 40 marks)

### Part C

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

23. Explain the different steps involved in scientific method. Also mention how this method helps nurturing process skills?
24. Describe about the National Goals of teaching Biology.
25. Critically evaluate any one high school Biology text book on the basis of principles of curriculum construction.

(2 × 10 = 20 marks)

C 32327

(Pages : 2)

Name.....

Reg. No.....

**FIRST SEMESTER B.Ed. DEGREE EXAMINATION, NOVEMBER 2017**

Education

**EDU 5.11—THEORETICAL BASES OF TEACHING NATURAL SCIENCE**

(2017 Admissions)

Time : Three Hours

Maximum : 80 Marks

**Part A**

*Answer all questions.*

*Each question carries 2 marks.*

1. How does concept differ from a fact ?
2. List out any two disadvantages of process and product approach.
3. What are the advantages of Role play method ?
4. What is hidden curriculum ?
5. List out the basic elements of models of teaching.
6. Do you think that the speech pattern of a teacher helps in the teaching learning process ? Write your opinion.
7. List out the effects of Concept Attainment Model.
8. Write down any four objectives of teaching Natural Science with respect to KCF 2007.
9. State the significance of link practice in pre-service training course.
10. What is advance organiser ?

(10 × 2 = 20 marks)

**Part B**

*Answer any ten questions.*

*Each question carries 4 marks.*

11. Justify the concept 'science is as scientist does'.
12. Mention the qualities of a person with scientific attitude.
13. Why we consider the sociological and psychological needs in constructing science curriculum ?
14. How does theory differ from law ? Give examples.

**Turn over**

15. Compare Reception learning and Discovery learning.
16. Explain the steps in Problem solving method.
17. Write a short note on micro-teaching cycle.
18. What are the educational implications of social constructivism ?
19. Show your familiarity with the eight major issues put forwarded by KCF2007 as the core of new curriculum.
20. Explain the different steps in Brain storming technique.
21. Explain any three core teaching skills.
22. Compare role play and simulation.

(10 × 4 = 40 marks)

### Part C

*Answer any two questions.*

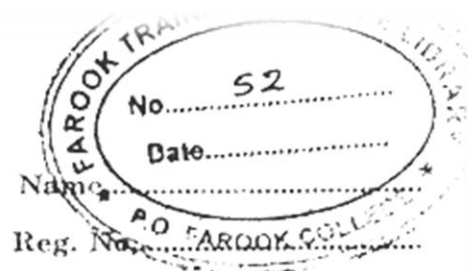
*Each question carries 10 marks.*

23. What are the requisites of a good demonstration ? Explain about Demonstration method.
24. Describe the basic elements of Inquiry Training Model.
25. As a Biology teacher, how will you correlate different school subjects with Biology ? Illustrate with examples.

(2 × 10 = 20 marks)

13149

(Pages : 2)



**FIRST SEMESTER B.Ed. DEGREE EXAMINATION, DECEMBER 2016**

**EDU 05.11—THEORETICAL BASES OF TEACHING NATURAL SCIENCE**

(2015 Admissions)

Time : Three Hours

Maximum : 80 Marks

**Part A**

*Answer all questions.*

*Each question carries 2 marks.*

1. Select two topics from high school biology suitable for debate as a teaching method.
2. Write any *two* merits of using supplementary readers.
3. How can Bulletin board be effectively used in a class room for teaching Science.
4. Name any *two* types of project.
5. What is a concept ? give *one* example.
6. Are models better than chart for teaching biological science ? Why ?
7. Name any *two* registers to be maintained in the biology laboratory.
8. Comment on teaching science by process approach.
9. Write any *three* major features of Dalton plan.
10. What is meant by scientific literacy ?

(10 × 2 = 20 marks)

**Part B**

*Answer any ten questions.*

*Each carries 4 marks.*

11. Briefly explain the essential features of heuristic method.
12. Compare constructivist approach to behavioural approach in the teaching of Biology.
13. Describe the salient features of B.S.C.S.
14. What do you meant by nature of science.
15. Suggest ways to modify the lecture method so as to involve the pupils learning.
16. List down any *four* uses of teachers hand book.
17. How will you develop scientific attitude in your students.

Turn over

18. Explain inductive Vs deductive approach of teaching biology. Compare the relative merits and demerits of each.
19. Mention the implications of piaget's theory in biology teaching.
20. How is knowledge of first aid useful to a science teacher?
21. How will you conduct a brain storming session in the class room by selecting a suitable topic of your choice.
22. How is life science useful for human welfare ?

(10 × 4 = 40 marks)

### Part C

*Answer any two questions.*

*Each question carries 10 marks.*

23. Integration of knowledge from various disciplines results in meaningful learning. Substantiate with suitable examples.
24. Principles are the foundations on which the curriculum is built upon. Comment. Briefly explain the principles of curriculum construction.
25. Citing a suitable example, enumerate the steps in scientific method and its significance in the teaching of Biological science.

(2 × 10 = 20 marks)

C 81127

(Pages : 2)

Name.....

Reg. No.....

**FIRST SEMESTER B.Ed. DEGREE EXAMINATION, APRIL 2015**

**EDU 121 – METHODOLOGY OF TEACHING NATURAL SCIENCE**

(2012 Admission onwards)

Time : Two Hours

Maximum : 50 Marks

**Part A**

*Answer all questions.*

*Each question carries 1 mark.*

1. What is Heuristic method?
2. How can you foster creativity among your students?
3. What are the merits of using Enquiry approach of teaching?
4. Give any *two* applications of EDUBUNTU.
5. What is Project Method?
6. Explain collaborative learning.
7. Mention any *two* techniques of managing group learning.
8. Expand the following :
  - (a) NCERT.
  - (b) BSCS.

(8 × 1 = 8 marks)

**Part B**

*Answer all questions.*

*Each question carries 2 marks.*

9. Differentiate between Inductive approach and Deductive approach in learning.
10. What is Jig-Saw learning? Narrate a topic of your choice for adopting Jig-Saw learning.
11. Explain Dalton Plan. What are the merits of this method?
12. Critically examine the role of process skills in Science learning.
13. What is Brain storming? How is it different from Buzz session?
14. Explain the demerits of Lecture method.
15. Briefly explain the role of Collaborative learning in social constructivism.
16. Differentiate between Simulation and Role play.

(8 × 2 = 16 marks)

**Turn over**

**Part C**

*Answer any four questions.*

*Each question carries 4 marks.*

17. What are the values that can be inculcated among students through the teaching of Natural Science? Explain.
18. Differentiate between Science Aptitude and Attitude towards Science. How can a Biology teacher foster science aptitude among students?
19. What is Project method? What are the steps involved in project method?
20. Briefly explain the product and process aspects of Science.
21. What are the long range objectives in the teaching of Biology? How can a Biology teacher inculcate this among students?
22. Compare and contrast Behaviourism and Constructivism.

(4 × 4 = 16 marks)

**Part D**

*Answer any one question.*

*The question carries 10 marks.*

23. What is Multiple Intelligences? How can a Biology teacher apply this in his teaching? Discuss.
24. What is problem solving method? What are the steps involved in this method? Discuss the relevance of this method in the present scenario of Biology classroom teaching.

(1 × 10 = 10 marks)

C 81115

(Pages : 2)

Name.....

Reg. No.....

**FIRST SEMESTER B.Ed. DEGREE EXAMINATION, APRIL 2015**

**EDU 141 – PEDAGOGIC PRACTICES IN NATURAL SCIENCE**

(2012 Admission onwards)

Time : Two Hours

Maximum : 50 Marks

**Part A**

*Answer all questions.*

*Each question carries 1 mark.*

1. What are Instructional Objectives?
2. Explain a Resource Unit.
3. List out the components of the skill of 'Questioning'.
4. Differentiate between Specifications and Objectives.
5. What is a diagnostic test?
6. Give the importance of assignments in a Natural Science Classroom.
7. Mention the merits of selection type test items.
8. What are the characteristics of short answer type items?

(8 × 1 = 8 marks)

**Part B**

*Answer all questions.*

*Each question carries 2 marks.*

9. What are the broad goals of teaching Natural Science at Secondary level?
10. Give the importance of 'planning of an event'.
11. List out the Herbartian steps in Lesson Planning.
12. How concept attainment model is significant in the teaching of a concept?
13. Different between Constructivism and Behaviourism.
14. How will you illustrate the topic, "hydroponics"?
15. Give the significance of observation in a Science Classroom.
16. List out the guide lines for the preparation of simple recall type test items.

(8 × 2 = 16 marks)

Turn over



**Part C**

*Answer any four questions.*

*Each question carries 4 marks.*

17. Select a concept of your choice and formulate the instructional objectives at all domains.
18. Differentiate between Year plan and Unit plan.
19. Select a suitable topic and suggest measures to handle fast learners and slow learners, while teaching.
20. Mention the style differences in framing questions with regard to different instructional objectives.
21. Bring out the instructional objectives as suggested by SCERT for Science teaching.
22. Explain Micro teaching with its steps.

(4 × 4 = 16 marks)

**Part D**

*Answer any one question.*

*The question carries 10 marks.*

23. Describe Bloom's taxonomy of Instructional objectives. How far this taxonomy is capable of assessing mental growth of the learner?
24. Prepare a Lesson Plan based on constructivist format for any topic of your choice from Standard X.

(1 × 10 = 10 marks)

# **MATHEMATICS**

**EDU 05.10**

## **THEORETICAL BASES OF TEACHING MATHEMATICS**



**D 52000**

(Pages : 2)

Name.....*Liberty*.....

Reg. No.....*19*.....

**FIRST SEMESTER B.Ed. DEGREE EXAMINATION, DECEMBER 2018**

Education

**EDU 05.10—THEORETICAL BASES OF TEACHING MATHEMATICS**

(2017 Admissions)

Time : Three Hours

Maximum : 80 Marks

**Part A**

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

1. Write any *two* peculiarities of Mathematics language.
2. Write any *two* examples of correlation of Algebra with Geometry.
3. Give an example for proof by contradiction in Mathematics.
4. Write *two* merits of Problem-solving method.
5. Write two features of NCERT curriculum.
6. Write two examples for correlation of Mathematics with life.
7. Define teaching.
8. Write two aims of learning Mathematics at primary level.
9. What is stimulus variation ?
10. Write any *two* objectives of teaching Mathematics with respect to KCF.

(10 × 2 = 20 marks)

**Part B**

*Answer any ten questions.  
Each question carries 4 marks.*

11. Explain the maxims of teaching.
12. What are the objectives of teaching Mathematics at senior secondary level ?
13. Write a short note on the implications of the theory of Gagne in Mathematics learning.
14. Explain the types of questioning with examples.

Turn over

15. Explain constructivist approach in the teaching of Mathematics.
16. Briefly explain the development of Mathematics.
17. Explain adaptation and accommodation in Piaget's theory with examples from Mathematics.
18. Describe briefly the contributions of Bhaskaracharya.
19. Describe the logical and psychological approaches in curriculum construction.
20. What is the role of Mathematics in school curriculum ?
21. Mathematics is a science, but it is different from other sciences. Explain.
22. How will you impart Mathematical values through teaching.

(10 × 4 = 40 marks)

### Part C

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

23. Explain the steps in the curriculum development. Give a brief description of important Mathematics curriculum reforms.
24. Explain the theory of Bruner, and its educational implications in Mathematics learning.
25. Explain Laboratory method of teaching Mathematics with suitable example.

(2 × 10 = 20 marks)

C 32326

(Pages : 2)

Name.....

Reg. No.....

**FIRST SEMESTER B.Ed. DEGREE EXAMINATION, NOVEMBER 2017**

Education

**EDU 5.10—THEORETICAL BASES OF TEACHING MATHEMATICS**

(2017 Admissions)

Time : Three Hours

Maximum : 80 Marks

**Part A**

*Answer all questions.*

*Each question carries 2 marks.*

1. Write any two specifications of the objective Understanding.
2. How applied Mathematics is related to pure Mathematics ?
3. What are the merits of conducting discussion as a curriculum transaction method ?
4. Define Curriculum.
5. Mention any two Mathematics curriculum reforms.
6. Write any two values of learning Mathematics at secondary level.
7. How you explain Mathematics as a game ?
8. What are the steps in a problem analysis ?
9. Write two situations where Mathematics is used in the learning of Natural Science.
10. Mention any two important features of Problem-based learning.

(10 × 2 = 20 marks)

**Part B**

*Answer any ten questions.*

*Each question carries 4 marks.*

11. Which are the fundamental branches of Mathematics ? What are the link between them ?
12. What are the different phases of teaching Mathematics ?
13. Write the major differences between Bloom's Taxonomy and its revised form.
14. Write the steps in the Project method with illustration.
15. Explain heuristic approach in Mathematics learning.

Turn over

16. Explain NCF with special reference to Mathematics curriculum.
17. How Mathematics act as a tool for learning other school subjects ? Illustrate.
18. Discuss briefly the affective changes occurred through the learning of Mathematics.
19. Explain Mathematical induction with example.
20. Explain the steps in the development of Mathematics curriculum.
21. What are the qualities of a good Mathematics teacher ?
22. Define Micro-teaching. Describe any three Micro-teaching skills.

(10 × 4 = 40 marks)

### Part C

*Answer any two questions.*

*Each question carries 10 marks.*

23. Explain the theory of Piaget. What are the educational implications of the theory in Mathematics learning ?
24. Illustrate the Analytic-Synthetic methods of teaching Mathematics with examples.
25. What are the principles of Mathematics curriculum construction and organisation ?

(2 × 10 = 20 marks)

D13148

(Pages : 2)



**FIRST SEMESTER B.Ed. DEGREE EXAMINATION, DECEMBER 2016**

**EDU 05.10—THEORETICAL BASES OF TEACHING MATHEMATICS**

(2015 Admissions)

**Time : Three Hours**

**Maximum : 80 Marks**

**Part A**

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

1. What is meant by instructional objectives and specification and give one example for each ?
2. Mention any two nature of Mathematics.
3. Mention any two contributions of Ramanujan.
4. Write any definitions of Mathematics.
5. Mention any two values of learning history of mathematics.
6. Define puzzles and give one example for a puzzle.
7. Mention any two examples showing correlation of mathematics with Physics.
8. Write any two purpose of oral work in mathematics teaching.
9. What is meant by scaffolding ?
10. Mention any four objectives of NCERT ?

(10 × 2 = 20 marks)

**Part B**

*Answer any ten questions.  
Each question carries 4 marks.*

11. Briefly explain values of teaching mathematics.
12. Briefly outline correlation within mathematics.
13. Mention the significance of Laboratory method for teaching mathematics.
14. What is the scope of group work ? How will you organise group work effectively ?
15. Explain taxonomy of instructional objectives in Affective domain ?
16. Briefly explain different steps in problem solving method ? Enumerate the merits and demerits of problem solving method.

**Turn over**



17. Compare the Behaviourist and Constructivist approach.
18. Differentiate between 'Pure and Applied' Mathematics ?
19. Briefly explain logical and psychological approaches of curriculum construction ?
20. Describe briefly the contributions of Bhaskaracharya ?
21. Bring out the importance of homework. What are the arguments in favour of and against giving homework to students of mathematics.
22. Explain the significance of social constructivism in mathematics classroom ?

(10 × 4 = 40 marks)

### Part C

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

23. Briefly explain Gagne's theory. What are the educational implications of this theory in mathematics classroom.
24. Illustrate the inductive-deductive methods of teaching mathematics with suitable examples. Also mention its merits and limitations.
25. What are the modern trends in curriculum construction ? How far these principles observed in the construction of the curriculum in mathematics for the secondary schools in our state ?

(2 × 10 = 20 marks)



24-2-16



D92533

(Pages : 2)

**FIRST SEMESTER B.Ed. DEGREE EXAMINATION, DECEMBER 2015**  
**EDU 05.10—THEORETICAL BASES OF TEACHING MATHEMATICS**  
(2015 Admissions)

Time : Three Hours

Maximum : 80 Marks

**Part A**

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

- 1 What are the affective outcomes of learning Mathematics ?
- 2 Differentiate between axioms and postulates.
- 3 Define specification. Give any two specifications of knowledge level objective.
- 4 Briefly explain recommendations of NPE regarding mathematics education in schools.
- 5 What is ZPD ?
- 6 Name the Mathematician who wrote 'Siddhanta Siromani' and also write his one more contribution in the field of Mathematics.
- 7 Write two examples of correlating Mathematics with Social Science.
- 8 How will you make homework more useful for your students ?
- 9 Write down the limitations of lecture method in Mathematics class.
- 10 Write the need for revising Mathematics curriculum often.

(10 × 2 = 20 marks)

**Part B**

II. Answer any *ten* questions. Each question carries 4 marks :

- 11 Discuss Heuristic method of teaching Mathematics. Illustrate its application with the help of a suitable example.
- 12 Briefly explain any *four* types of curriculum.
- 13 Explain the taxonomy of objectives with respect to cognitive domain ?
- 14 Write a note on practical value of teaching Mathematics.
- 15 What is the place of drill work in the teaching of Mathematics ? How can we make it more effective ?
- 16 Explain the relevance of knowledge of History of Mathematics.
- 17 Explain the contributions of Euclid in Geometry.

Turn over

18. Explain the correlation within Mathematics.

19. What are the principles of curriculum construction and its organisation?
20. Briefly outline Bruner's theory and its educational implications.
21. Briefly explain different steps in project method with the help of an example. Enumerate the merits and demerits of project method.
22. Distinguish between inductive and deductive methods of teaching Mathematics.

(10 × 4 = 40 marks)

### Part C

III. Answer any *two* of the following. Each question carries 10 marks :—

23. Briefly explain Piaget's theory of cognitive development with suitable examples from Mathematics. What are the educational implications of Piaget's theory?
24. What are the disciplinary and cultural values of learning Mathematics and examine whether these values are being realized as a result of the instruction being imparted in our schools?
25. Briefly explain the development of Mathematics from Vedic period to 20<sup>th</sup> century.

(2 × 10 = 20 marks)

# **SOCIAL SCIENCE**

**EDU 05.13**

## **THEORETICAL BASES OF TEACHING SOCIAL SCIENCE**

**D 52003**

(Pages : 2)

Name.....<sup>19</sup><sub>19</sub>

Reg. No.....

**FIRST SEMESTER B.Ed. DEGREE EXAMINATION, DECEMBER 2018**

Education

EDU 05:13—THEORETICAL BASES OF TEACHING—SOCIAL SCIENCE

(2017 Admissions)

Time : Three Hours

Maximum : 80 Marks

**Part I**

*Answer all the questions.  
Each question carries 2 marks.*

1. How Social Science is related with General Sciences ?
2. Differentiate between History and Geography.
3. List a few principles of teaching.
4. What is meant by fusion in Social Science curriculum.
5. Mention a few teaching skills.
6. What are the merits of Lecture method of teaching Social Science.
7. Mention the importance of teaching Social Science as a core subject.
8. What are the objectives of teaching Economics in the Secondary stage ?
9. Differentiate curriculum from syllabus.
10. What is concept mapping ?

(10 × 2 = 20 marks)

**Part II**

*Answer any ten of the following questions without exceeding one page each.  
Each question carries 4 marks.*

11. State the need and significance of teaching Social Science in the present context.
12. Explain on Bloom's Taxonomy of Educational Objectives.
13. Discuss about the modern trends in Social Science Curriculum.
14. How will you differentiate Social Studies from Social Sciences.
15. List the conceptual and affective objectives of teaching Social Sciences.

**Turn over**

16. Discuss in brief about any *four* principles of curriculum construction.
17. Mention the characteristics of Source method of teaching Social Science.
18. How will you evaluate the Social Science Curriculum ?
19. Mention the nature and scope of Social Science as a subject.
20. Explain the meaning and concept of Micro-teaching.
21. Discuss briefly on any *two* strategies of teaching Social Science.
22. What are the different phases of teaching.

(10 × 4 = 40 marks)

### Part III

*Answer any two of the following questions.  
Each question carries 10 marks.*

23. Discuss in brief about the various approaches of organising Social Science curriculum.
24. Mention the general aims of teaching Social Science. Also specify the aims of teaching Social Science in the Secondary stage.
25. Explain the characteristics of Project Method of teaching Social Science.

(2 × 10 = 20 marks)

C 32329

(Pages : 2)

Name.....

Reg. No.....

**FIRST SEMESTER B.Ed. DEGREE EXAMINATION, NOVEMBER 2017**

Education

**EDU 5 : 13—THEORETICAL BASES OF TEACHING SOCIAL SCIENCE**

(2017 Admissions)

Time : Three Hours

Maximum : 80 Marks

**Part I**

*Answer all the questions.*

1. How will you differ Social Studies from Social Sciences ?
2. State the importance of teaching Social Science as a core subject.
3. What are the objectives of teaching Political Science in the Secondary Stage ?
4. Differentiate between History and Economics.
5. What are the maxims of teaching ?
6. What is link practice ?
7. What is meant by integration in Social Science curriculum ?
8. Differentiate curriculum from syllabus.
9. What is discovery learning ?
10. What is meant by learning through reflection ?

(10 × 2 = 20 marks)

**Part II**

*Answer any ten of the following questions without exceeding one page each.*

11. Discuss the nature and scope of Social Science as a subject.
12. List the Conceptual and affective objectives of teaching Social Science.
13. Discuss briefly on the evolution of social Science as a subject.
14. What are the different phases of teaching ?
15. Explain the meaning and concept of micro-teaching.

Turn over

16. What are the aims of teaching Social Science at the Secondary Stage ?
17. Prepare a note on the principles of curriculum construction in Social Science.
18. Discuss briefly on the steps involved in the problem-solving method of teaching Social Science.
19. How will you Organise Social Science Curriculum ?
20. Discuss briefly on Brain Storming and concept mapping as learning Strategies.
21. Mention the characteristics of lecture method of teaching Social Science.
22. Discuss briefly on the modern trends in Social Science curriculum.

(10 × 4 = 40 marks)

### Part III

*Answer any two of the following questions.*

23. Explain briefly on Bloom's Taxonomy of Educational Objectives.
24. Discuss the need and significance of teaching Social Science in the present context, specifying its relationship with other Core Subjects.
25. Explain briefly on the characteristic features of Source method of teaching Social Science.

(2 × 10 = 20 marks)

13151

(Pages : 2)



**FIRST SEMESTER B.Ed. DEGREE EXAMINATION, DECEMBER 2016**

**EDU 05.13—THEORETICAL BASES OF TEACHING SOCIAL SCIENCE**

(2015 Admissions)

Time : Three Hours

Maximum : 80 Marks

**Part I**

*Answer all the questions.*

1. List the advantages of collaborative learning as an instructional strategy.
2. State the limitations of project method.
3. Bring out the importance of dramatization in social studies.
4. Distinguish aims from objectives.
5. What is a specification ? Write any two specifications of the objective 'understanding'.
6. Why should we teach social studies ?
7. Mention two advantages of 'source method' of teaching social studies.
8. What is meant by multi-methodology approach in social studies instruction ?
9. What is supervised teaching ?
10. What do you mean by integrated curriculum ?

(10 × 2 = 20 marks)

**Part II**

*Answer any ten of the following questions without exceeding one page each.*

11. Explain the need and purpose of evaluation in social studies.
12. Explain how curriculum basically differs from syllabus. Illustrate from social studies.
13. How would you correlate the teaching of history with other sciences ?
14. Describe the syntax of concept attainment model of teaching.
15. Summarizes the principles of curriculum construction.
16. Write a short note on discovery learning and concept mapping ?
17. Explain the modern trends in curriculum construction.
18. Discuss the different types of discussion methods with suitable examples.
19. What are the reasons of using simulation in classroom teaching ?

**Turn over**



20. Mention the importance of social studies in changing society.
21. What is meant by co-operative learning ? Explain its essential components.
22. Curriculum in social studies gives moral teaching. Substantiate this statement with suitable example.  
(10 × 4 = 40 marks)

### Part III

*Answer any two of the following questions.*

23. What is problem solving method ? What are the different steps involved in it ?
24. Explain briefly Bloom's Taxonomy of Educational Objectives.
25. What are the different approaches for organising social studies curriculum ?  
(2 × 10 = 20 marks)

**D 92536**

(Pages : 2)

Name.....21/2/14.....

Reg. No.....

**FIRST SEMESTER B.Ed. DEGREE EXAMINATION, DECEMBER 2015**

**EDU 05.13—THEORETICAL BASES OF TEACHING SOCIAL SCIENCE**

(2015 Admissions)

Time : Three Hours

Maximum : 80 Marks

**Part I**

*Answer all the questions.*

1. Define simulated teaching.
2. What is source method in social science teaching ?
3. What is syntax of a teaching model ?
4. What is fused curriculum ?
5. Examine the correlation of social science with literature.
6. Give the meaning of social studies.
7. Mention any two disadvantages of using supervised study method in social studies teaching.
8. Write a short note on Brain Based Learning.
9. Differentiate between social science and social studies.
10. What is meant by objective based curriculum in social studies ?

(10 × 2 = 20 marks)

**Part II**

*Answer any ten of the following questions without exceeding one page each.*

11. Lecture method has continued to be used by social studies teachers in spite of its drawbacks. Why ?
12. Explain the nature and scope of Social Science.
13. Explain the scope and limitations of utilizing internet in social science teaching.
14. What is meant by co-operative learning ? Explain its essential components
15. How discussion and debates can be used as a techniques of teaching social studies ?
16. Describe the values to be inculcated through the teaching of social science.
17. Explain the significance of multi-method approach in social science.
18. Discuss the procedure of problem solving method and its advantages in teaching social science.

Turn over



19. What are the essential elements of a teaching model ?
20. Differentiate dramatization and role play methods. Examine the effectiveness of these methods in social science teaching.
21. Explain the principles of curriculum construction and its modern trends.
22. Explain the different types of discussion method with suitable examples.

(10 × 4 = 40 marks)

### Part III

*Answer any two questions from the following.*

23. What is project method ? Explain its basic principles and the important steps involved in it.
24. Explain the aims and objectives of teaching social studies at secondary schools.
25. Describe the features of the elements of Jurisprudential Model. Whether this model is suitable in social science teaching ? Why ?

(2 × 10 = 20 marks)

C 81117

(Pages : 2)

Name.....

Reg. No.....

**FIRST SEMESTER B.Ed. DEGREE EXAMINATION, APRIL 2015**

**EDU 143 – PEDAGOGIC PRACTICES IN SOCIAL SCIENCES**

(2012 Admission onwards)

Time : Two Hours

Maximum : 50 Marks

**Part A**

*Answer all questions.*

*Each question carries 1 mark.*

1. Why we need content analysis?
2. List any five maxims of teaching.
3. Name the objectives that come under affective domain.
4. Define 'Year Plan'.
5. Who developed the concept of multiple intelligence?
6. Why blue print is needed for constructing an achievement test?
7. State any two points to be remembered while constructing a multiple choice item.
8. Explain the need for including essay type questions in examination.

(8 × 1 = 8 marks)

**Part B**

*Answer all questions.*

*Each question carries 2 marks.*

9. What are the advantages of questionwise analysis?
10. State the need and importance of lesson planning in Social Studies.
11. Draw the sketch of the 'interior of the earth'.
12. Write any two skills to be developed while teaching the topic 'Volcano'.
13. What are the purposes of diagnostic test?
14. Give an example of a learning activity in Social Science to develop linguistic intelligence.
15. What are the scholastic aspects in the CCE?
16. What is meant by reliability of a test?

(8 × 2 = 16 marks)

Turn over

**Part C**

*Answer any four questions.*

*Each question carries 4 marks.*

17. What are the learning experiences you would provide while transacting the topic 'Map Projection'?
18. Prepare a time line to teach 'Freedom Movement of India'.
19. How will you evaluate non-cognitive domain?
20. State the principles of good evaluation.
21. Distinguish 'Concepts' and 'Facts' with examples.
22. What do you mean by remedial teaching?

(4 × 4 = 16 marks)

**Part D**

*Answer any one question.*

*The question carries 10 marks.*

23. Develop a lesson plan for 40 minutes for Standard VIII on a topic of your choice.
24. What is Micro Teaching? Highlight its need and significance. Illustrate the various steps in micro teaching.

(1 × 10 = 10 marks)

# **PHILOSOPHY**

**EDU 01**

## **EDUCATION IN CONTEMPORARY INDIA**



D 51988

(Pages : 2)

Name..... *Libham*.....

Reg. No..... *11.01.19*.....

**FIRST SEMESTER B.Ed. DEGREE EXAMINATION, DECEMBER 2018**

**Education**

**EDU 01—EDUCATION IN CONTEMPORARY INDIA**

**(2017 Admissions)**

**Time : Three Hours**

**Maximum : 80 Marks**

**Part A**

*Answer all questions.*

*Each question carries 2 marks.*

1. What is Operation Blackboard ?
2. Define education according to Swami Vivekananda.
3. What is Pabbaja ?
4. What are the duties of an Indian citizen ?
5. Mention the major objectives of SSA.
6. Distinguish between wastage and stagnation.
7. What is Non-formal education ? Give an example.
8. What is UEE ?
9. Differentiate between Life centered education and Child centered education.
10. What is the Knowledge aim of education ?

(10 × 2 = 20 marks)

**Part B**

*Answer any ten questions.*

*Each question carries 4 marks.*

11. How can education contribute to National integration ?
12. Explain the role of Christian missionaries in education.
13. Discuss the various issues and challenges faced by the tribal groups of India.
14. Write a brief note on the system of education in Sangas and Viharas.
15. Analyse the problems of Secondary education in India.

**Turn over**



16. Write a short note on the concept of Purusharthas.
17. Distinguish between the older and modern concept of education.
18. Discuss the role of Sree Narayana Guru in the development of education in Kerala.
19. Briefly discuss the principles of Basic education.
20. What are the recommendations of Radhakrishnan Commission ?
21. Discuss the impact of globalisation on education.
22. What is the role of Philosophy in education ?

(10 × 4 = 40)

### Part C

*Answer any two questions.*

*Each question carries 10 marks.*

23. Prepare a note on the recommendations of NPE(1986).
24. Compare and contrast between Vedic and Buddhistic system of education.
25. Discuss the evolution of education in Kerala.

(2 × 10 = 20)



**C 32313**

(Pages : 2)

Name.....

Reg. No.....

**FIRST SEMESTER B.Ed. DEGREE EXAMINATION, NOVEMBER 2017**

Education

EDU 01—EDUCATION IN CONTEMPORARY INDIA

(2017 Admissions)

Time : Three Hours

Maximum : 80 Marks

**Part A**

*Answer all questions.*

*Each question carries 2 marks.*

1. Define education according to Mahatma Gandhi.
2. What is stagnation ?
3. Differentiate between Pabbaja and Upanayana.
4. What is peace education ?
5. List out the rights of an Indian citizen.
6. What is Informal education ? Give an example.
7. Enumerate four measures to ensure 'equality' in education.
8. What is Oriental-Oxidental controversy ?
9. Write a brief note on social stratification.
10. What is the Cultural development aim of education ?

(10 × 2 = 20 marks)

**Part B**

*Answer any ten questions.*

*Each question carries 4 marks.*

11. Write a brief note on the Buddhistic system of education.
12. What are the major recommendations of Radhakrishnan Commission (1948) ?
13. Briefly explain the racial diversities of Indian Society.
14. How can education contribute to Universal brotherhood ?
15. Analyse the problems of Primary Education in India.

**Turn over**

16. Discuss the impact of modernization on education.
17. 'Education is a womb to tomb process'. Analyse the concept.
18. Discuss the role of Ayyankali in the development of education in Kerala.
19. What are the principles of Basic Education ? Discuss its relevance in the present context.
20. 'Philosophy and education are interrelated'. Explain the statement.
21. Explain the role of Christian missionaries in Education.
22. What are the major values enshrined in our constitution ?

(10 × 4 = 40 marks)

### Part C

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

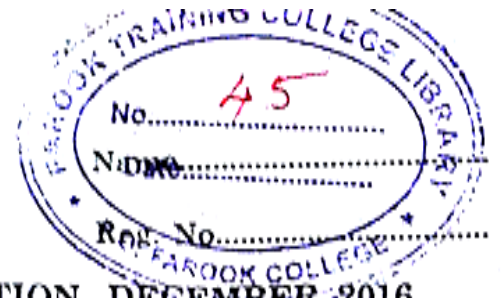
23. Analyse the evolution of education in Kerala.
24. Prepare a brief note on the recommendations of Kothari Commission.
25. Discuss the emerging issues and challenges of Higher education in India. Suggest a few remedies to improve the quality of Higher Education.

(2 × 10 = 20 marks)

D 18185

4-1-17

(Pages : 2)



**FIRST SEMESTER B.Ed. DEGREE EXAMINATION, DECEMBER 2016**

**EDU 01—EDUCATION IN CONTEMPORARY INDIA**

(2015 Admissions)

Time : Three Hours

Maximum : 80 Marks

*Answers may be written either in English or in Malayalam.*

**Part A**

*Answer all questions, each question carries 2 marks.*

*Answer in not more than a paragraph each.*

1. What is informal education ? Give an example.
2. What is NCFTE 2009 ?
3. Distinguish between Maktabas and Madrasas ?
4. What are 'Navodaya Vidyalayas' ?
5. What is peace education ?
6. What do you understand by 'Learning without burden' ?
7. Write a brief note on social stratification ?
8. Mention major objectives of RMSA.
9. What are the 'four noble truths' according to Buddhist philosophy ?
10. Suggest any two measures to be taken for equalization of education opportunities in Kerala ?

(10 × 2 = 20 marks)

**Part B**

*Answer any ten of the following in about a page each.*

*Each question carries 4 marks.*

11. Describe major aims of education.
12. What was the significance of Woods despatch ?
13. What are the salient features of Buddhist system of education ?
14. Explain the racial diversities of Indian society ?
15. What were the major recommendations of Kothari Commission on women's education ?
16. Describe various agencies of education ?

Turn over

17. Discuss the concept of 'Education for all'.
18. What are the major values enshrined in our constitution ?
19. What is 'Three language formula' ? Explain its significance.
20. Describe the major objectives of SSA programme.
21. Explain the different types of education.
22. Discuss the impact of globalization on education.

(10 × 4 = 40 marks)

### Part C

*Answer any two of the following.  
Each question carries 10 marks.*

23. Explain the 'educational system' proposal by Gandhiji. How far it is relevant in the contemporary context ?
24. Discuss the major constitutional provisions on education.
25. Explain the strategies taken by government for the Universalisation of elementary education in India ?

(2 × 10 = 20 marks)

D 92520

(Pages : 2)

Name.....18/2/16

Reg. No.....1

**FIRST SEMESTER B.Ed. DEGREE EXAMINATION, DECEMBER 2015**

**EDU 01—EDUCATION IN CONTEMPORARY INDIA**

(2015 Admissions)

Time : Three Hours

Maximum : 80 Marks

*Answer may be written either in English or in Malayalam.*

**Part A**

*Answer all questions.*

*Each question carries 2 marks.*

*Answer in not more than a paragraph each.*

1. What is non-formal education ? Give example.
2. Specify any *two* major aims of education.
3. What is meant by 'oriental-occidental controversy' ?
4. Explain the term 'marginalization'.
5. What are 'kularies' ?
6. Write any *two* characteristics of secularism.
7. What do you understand by 'concurrent status of education' ?
8. What is KER ?
9. Write note on 'pabbaja' ceremony'.
10. What is the gist of Article - 45 of the constitution ?

(10 × 2 = 20 marks)

**Part B**

*Answer any ten questions in about a page each.*

*Each question carries 4 marks.*

11. Describe different types of education.
12. Explain major objectives of SSA.
13. How do you explain the interdisciplinary nature of education ?
14. Explain the concept of 'basic education'.
15. Give a brief sketch of education in ancient Kerala.
16. Discuss the factors contributing to inequality in Indian society.
17. Explain the impact of globalization on education.

Turn over

18. Explain the role of education improving the status of women.
19. Comment on the introduction of grading system in school education.
20. Describe the concept of UEE.
21. Briefly explain Macauly's minutes.
22. Explain the role of Christian's missionaries in the educational development of Kerala.  
(10 × 4 = 40 marks)

### Part C

*Answer any two of the following.  
Each question carries 10 marks.*

23. Discuss the major constitutional provisions on education.
24. Explain the salient features of national policy on education 1986.
25. Explain the nature of curricular shift in the school education of Kerala, after 1990s.  
(2 × 10 = 20 marks)

C 81103

(Pages : 2)

Name.....

Reg. No.....

**FIRST SEMESTER B.Ed. DEGREE EXAMINATION, APRIL 2015**

**EDU 101 – PERSPECTIVES ON EDUCATION**

(2012 Admission onwards)

Time : Two Hours

Maximum : 50 Marks

**Part A**

*Answer all questions.*

*Each question carries 1 mark.*

1. Name the constitutional body established for improving the quality of higher education in India.
2. What is 'critical pedagogy'?
3. What are 'Ashramas'?
4. What is 'three language formula'?
5. Expand : NCERT.
6. Write a definition of education.
7. Name any *two* agencies of informal education.
8. Who was the Chairman of Wardha Scheme of Education?

(8 × 1 = 8 marks)

**Part B**

*Answer all questions.*

*Each question carries 2 marks.*

9. What is Metaphysics?
10. What do you know about 'Folk School'?
11. What is the purpose of establishing NCTE?
12. Mention the teaching methods advocated by Pragmatism.
13. What was Rousseau's view on women's education?
14. What is Peace education?
15. What is meant by 'Child Rights'?
16. Explain the term 'distance education'.

(8 × 2 = 16 marks)

**Turn over**



**Part C**

*Answer any four questions.*

*Each question carries 4 marks.*

17. Explain Gandhiji's view on education.
18. What is meant by 'alternative thoughts' on education?
19. Explain the interdisciplinary nature of education.
20. What is international understanding? How do you promote international understanding among students?
21. Write a note on National Curriculum Frame Work (NCF – 2005).
22. Explain national goals of education.

(4 × 4 = 16 marks)

**Part D**

*Answer any one question.*

*The question carries 10 marks.*

23. What do you understand by democracy in education? Discuss the need and importance of education in democracy.
24. Explain the basic principles of Realism and their influence on various aspects of education.

(1 × 10 = 10 marks)



# **PSYCHOLOGY**

## **EDU 02**

### **DEVELOPMENT OF THE LEARNER**



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(Pages : 2)

Name.....Libby 19.....

Reg. No.....14.1.....

**FIRST SEMESTER B.Ed. DEGREE EXAMINATION, DECEMBER 2018**

Education

**EDU 02—DEVELOPMENT OF THE LEARNER**

(2017 Admissions)

Time : Three Hours

Maximum : 80 Marks

**Part A**

*Answer all questions.*

*Each question carries 2 marks.*

1. Define Developmental Delay.
2. What is Cephalocaudal ?
3. Who is an adolescent ?
4. What is meant by motor development ?
5. Define schema.
6. What is phallic stage ?
7. State the features of pre-conventional stage of moral development.
8. What is ego centric speech ?
9. Define Trait.
10. What is NLP ?

(10 × 2 = 20 marks)

**Part B**

*Answer any ten questions.*

*Each question carries 4 marks.*

11. What is creativity ? Explain the various levels of Creativity.
12. Briefly discuss about Emotional intelligence theory.
13. Explain mental health and mention the role of teachers in inculcating mental health.
14. Define maladjustment and explain the role of education in creating good adjustment capacities among students.
15. What are speech defects ? List out any two major speech defects ?

**Turn over**



16. Describe any *four* objective techniques for the assessment of personality.
17. Who is a matured person ? Describe the characteristics of a matured person.
18. Discuss the stages of cognitive development suggested by Piaget.
19. Discuss any *four* areas regarding the problems of adolescence.
20. What is Depression and write about its causes and remediation.
21. Write a short note on Chomsky's theoretical contribution on language development.
22. Write a short note on Eric Bern's contribution to personality studies.

(10 × 4 = 40 marks)

### Part C

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

23. Define personality and discuss about the Trait approach of personality.
24. Explain adjustment and the role of education in catering adjustment. Discuss briefly about any *five* adjustment mechanisms.
25. Write an essay on any *five* exceptionalities in children and also suggest various educational provisions for catering the needs of the exceptionalities.

(2 × 10 = 20 marks)

C 32314

(Pages : 2)

Name.....

Reg. No.....

**FIRST SEMESTER B.Ed. DEGREE EXAMINATION, NOVEMBER 2017**

Education

EDU 02—DEVELOPMENT OF THE LEARNER

(2017 Admissions)

Time : Three Hours

Maximum : 80 Marks

**Part A**

*Answer all questions.*

*Each question carries 2 marks.*

1. Mention the Developmental Hazards.
  2. What is DSM classification ?
  3. What is toy age ?
  4. Name any two aptitude Tests.
  5. What is enactive stage ?
  6. List the first four stages of Erickson's theory.
  7. State Good boy -Good Girl orientation.
  8. What is transformational grammar ?
  9. Diagrammatically represent the hierarchy of needs.
  10. Name any four principles of development.
- (10 × 2 = 20 marks)

**Part B**

*Answer any ten questions.*

*Each question carries 4 marks.*

11. Write a short note on Learning disability.
12. Explain the exceptionalities in learning.
13. Critically comment on Emotional intelligence theory.
14. Describe any two common types of mental disorders.
15. What is mental hygiene and write a short note on the role of curriculum in establishing it.

**Turn over**

16. Explain any four-adjustment mechanisms.
17. Briefly discuss about Neuro Linguistic Programme.
18. Discuss about substance abuse and suggest some measures for dealing with it.
19. Write a short note on the influence of social media and cyber world upon behavior.
20. Write a short note on trait approach of personality.
21. Briefly discuss the influence of peer relations in character and the role of teacher in tackling peer relations for creating better and healthy study habits.
22. Suggest any four programmes for fostering creativity.

(10 × 4 = 40 marks)

### Part C

*Answer any two questions.*

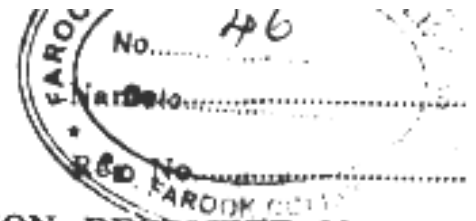
*Each question carries 10 marks.*

23. Who is an adolescent ? Explain the needs and problems of adolescence and the role of educational psychology in dealing with them.
24. Define the major theories of intelligence. Compare and express your opinion about the relevance of Gardeners' contribution in the field of intelligence.
25. Explain the theory of Transactional analysis. Discuss the relevance of PAC model in communication.

(2 × 10 = 20 marks)

**D 13136**

(Pages : 2)



**FIRST SEMESTER B.Ed. DEGREE EXAMINATION, DECEMBER 2016**

**EDU 02—DEVELOPMENT OF THE LEARNER**

(2015 Admissions)

Time : Three Hours

Maximum : 80 Marks

**Part A**

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

1. What are developmental hazards ?
2. What is cybercrime ?
3. How is conscience formed ?
4. Write any two characteristics of conventional level of morality, according to Kohlberg.
5. What is substance abuse ?
6. Write four characteristics of a mature personality.
7. What do you mean by mental hygiene ?
8. Give the full form of ADHD.
9. What is depression ?
10. Define EQ.

(10 × 2 = 20 marks)

**Part B**

*Answer any ten questions.  
Each question carries 4 marks.*

11. Describe Erikson's stage of identity vs. role Confusion.
12. Write a note on Maslow's hierarchy of needs.
13. Describe the characteristics of motor development during childhood stage.
14. "Though Bruner learnt quite a few things from Piaget, he had his differences too". Comment.
15. What are the different dimensions of individual differences ?
16. Explain the categories of traits, according to Allport.
17. Describe Spearman's theory of intelligence.
18. Explain the structure of personality according to Carl Rogers.

Turn over

19. Who are gifted children? Suggest a few measures for meeting the needs of gifted children.
20. How are psychological scripts formed in childhood?
21. Why are peer relations important during adolescence?
22. Explain the higher mental abilities developed during the formal operational stage.  
(10 × 4 = 40 marks.)

### Part C

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

23. Describe Gardner's theory of Multiple Intelligences with examples.
24. Explain how the theory of transactional analysis helps to improve communication.
25. Give an account of major challenges faced during adolescence.  
(2 × 10 = 20 marks.)

D 92521

(Pages : 2)

Name.....19/2/16

Reg. No.....

**FIRST SEMESTER B.Ed. DEGREE EXAMINATION, DECEMBER 2015**

**EDU 02—DEVELOPMENT OF THE LEARNER**

(2015 Admissions)

Time : Three Hours

Maximum : 80 Marks

**Part A**

*Answer all questions.*

*Each question carries 2 marks.*

1. What are developmental tasks ?
2. Differentiate between growth and development.
3. What is cybercrime ?
4. How is ego ideal formed ?
5. List out any *two* characteristics of post-conventional level of morality, according to Kohlberg.
6. What do you mean by mental hygiene ?
7. Define creativity.
8. What is Dyslexia ?
9. Name three modes of cognitive representations, according to Bruner.
10. Differentiate between aptitude and attitude.

(10 × 2 = 20 marks)

**Part B**

*Answer any ten questions.*

*Each carries 4 marks.*

11. Compare Spearman's and Guilford's theories of intelligence.
12. Describe Erikson's stages of psycho social development.
13. Explain the impact of information overloading in adolescents.
14. Briefly explain Maslow's hierarchy of motives.
15. Identify the various challenges faced by an adolescent.
16. Describe the characteristics of motor development during infancy period.

Turn over





17. Explain how you will cater to the needs of the gifted children in your class room ?
18. Explain Chomsky's views on language development.
19. Explain Allport's concept of functional autonomy.
20. Define adjustment. Explain any *two* defense mechanisms used by school children.
21. Write a brief note on substance abuse among adolescents.
22. Explain the role of teachers in promoting mental health of students.

(10 × 4 = 40 marks)

### Part C

*Answer any two questions.*

*Each question carries 10 marks.*

23. Bring out the basic assumptions of Piaget's theory of cognitive development. What is its relevance to educational practice ?
24. Describe the psycho-sexual stages of personality development according to Sigmund Freud.
25. Explain the three dimensional categories of Guilford's structure of intellect.

(2 × 10 = 20 marks)

**C 81104**

(Pages : 2)

Name.....

Reg. No.....

**FIRST SEMESTER B.Ed. DEGREE EXAMINATION, APRIL 2015**

**EDU 102 – PSYCHOLOGY OF THE LEARNER**

(2012 Admission onwards)

Time : Two Hours

Maximum : 50 Marks

**Part A**

*Answer all questions.*

*Each question carries 1 mark.*

1. Define the term 'Schema'.
2. Give an example for negative transfer of learning.
3. List out the different stages of discovery learning.
4. Write any *two* characteristics of co-operative learning.
5. What do you mean by "Cliques"?
6. List out any *two* learning styles.
7. Define the term, 'Span of attention'.
8. Explain Gagne's signal learning.

(8 × 1 = 8 marks)

**Part B**

*Answer all questions.*

*Each question carries 2 marks.*

9. Explain Engaged learning. Give an example for it.
10. Differentiate between Vertical and Horizontal transfer of learning.
11. Mention any *two* advantages of group dynamics in learning.
12. Explain Reflective thinking process.
13. Explain any *two* ways in which method variable affect learning.
14. Mention two advantages of motivation in learning.
15. Explain Covergent thinking. How is it different from Divergent thinking?
16. Explain 'Parent Ego State'.

(8 × 2 = 16 marks)

**Turn over**

**Part C**

*Answer any four questions.*

*Each question carries 4 marks.*

17. Write a short note on Approaches to Learning.
18. Develop a concept map of the concept 'Problem Solving'.
19. Bring out the meaning and characteristics of a social group.
20. Explain the merits and demerits of Vygotsky's constructivist theory of learning.
21. Write a short note on Brain Based Learning.
22. Mention the advantages of humanistic views on learning.

(4 × 4 = 16 marks)

**Part D**

*Answer any one question.*

*The question carries 10 marks.*

23. Compare and contrast between Behaviourists views and constructivists views on learning.
24. Bring out the importance of Reflective practices in learning. How will you adopt Reflective practices in your classroom instruction?

(1 × 10 = 10 marks)

C 81104-A

(Pages : 2)

Name.....

Reg. No..... 31/715

**FIRST SEMESTER B.Ed. DEGREE EXAMINATION, APRIL 2015**

**EDU 102—PSYCHOLOGY OF THE LEARNER**

(2012 Admission onwards)

Time : Two Hours

Maximum : 50 Marks

**Part A**

*Answer all questions.  
Each question carries 1 mark.*

1. Differentiate between growth and development.
2. What is meant by developmental task ?
3. Define the concept "Emotional Intelligence".
4. What is the concept of "Intelligence Quotient" (IQ) ?
5. What is meant by the term "Schema" ?
6. What is meant by "Case Study" ?
7. Who is an exceptional child ?
8. What is meant by mental health ?

(8 × 1 = 8 marks)

**Part B**

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

9. "Knowledge of educational psychology is essential for a teacher". Elucidate.
10. What are the contributions of behaviourism to education ?
11. What are the stages involved in creative thinking ?
12. List out any four characteristics of underachievers.
13. Briefly discuss the need of guidance in schools.
14. Elucidate the different types of counselling.
15. Differentiate between attitude and aptitude.
16. Which are the processes involved in the organisation of schemas according to Piaget ?

(8 × 2 = 16 marks)

Turn over

**Part C**

*Answer any four questions.  
Each question carries 4 marks.*

17. What are the factors causing individual differences ?
18. Discuss the characteristics of mature personality.
19. Elaborate the common learning disabilities found in children.
20. What are the school factors contributing to maladjustment in children ?
21. Which are the stages of Psycho-social development according to Erickson ?
22. Discuss the structure and dynamics of personality according to Sigmund Freud ?

(4 × 4 = 16 marks)

**Part D**

*Answer any one question.  
The question carries 10 marks.*

23. What are the socio-psychological needs of adolescence ? List out the burning current issues related to adolescents. What are the remedial measures to be taken to tackle these issues?
24. Explain the theory of multiple intelligences. As a teacher, what measures would you adopt to foster multiple intelligences in students ?

(1 × 10 = 10 marks)

# **EDU 03**

# **SCHOOL ORGANISATION**

D 51990

(Pages : 2)

Name.....Liberman.....

Reg. No. A-1-19.....

**FIRST SEMESTER B.Ed. DEGREE EXAMINATION, DECEMBER 2018**

Education

EDU 03—SCHOOL ORGANISATION

(2017 Admissions)

Time : Two Hours

Maximum : 40 Marks

**Part A**

*Answer all questions.*

*Each question carries 1 mark.*

1. What is meant by democratic institutional climate ?
2. Write any *two* essential records to be maintained in a school.
3. What do you mean by First aid ?
4. What is institutional planning ?
5. Define Hypo Kinetic diseases.
6. What do you mean by performance appraisal of teachers ?

(6 × 1 = 6 marks)

**Part B**

*Answer all questions.*

*Each question carries 2 marks.*

7. What is Educational Management ? Write any *one* function of Educational Management.
8. Write any *two* roles of SMC in a school ?
9. List out the benefits of Yoga.
10. What is the concept of TQM ?

(4 × 2 = 8 marks)

**Part C**

*Answer any four questions in about a page each.*

*Each question carries 4 marks.*

11. Explain about the First aid for common injuries.
12. What are the principles of first aid ? Explain.

**Turn over**



13. Describe briefly balanced diet and nutritional balance.
14. What are the duties and responsibilities of Headmaster in a school ?
15. Explain the scope of TQM.
16. Write the functions of Staff and Student councils in a school.

(4 × 4 = 16 marks)

#### Part D

*Answer any one of the following.*

*The question carries 10 marks.*

17. Discuss the importance of Health and Physical education in schools.
18. Explain briefly the different types of timetable in a school. What are the principles of timetable construction?

(1 × 10 = 10 marks)



C 32315

(Pages : 2)

Name.....

Reg. No.....

**FIRST SEMESTER B.Ed. DEGREE EXAMINATION, NOVEMBER 2017**

Education

EDU 03—SCHOOL ORGANIZATION

(2017 Admissions)

Time : Two Hours

Maximum : 40 Marks

**Part A**

*Answer all questions.*

*Each question carries 1 mark.*

1. Expand TQM.
2. What is the first aid for common injuries of burn ?
3. What do you mean by nutritional balance ?
4. Define Physical education.
5. Which are the different types of timetable ?
6. Write any two functions of Staff council.

(6 × 1 = 6 marks)

**Part B**

*Answer all questions.*

*Each question carries 2 marks.*

7. What are the principles of First aid ?
8. What are the benefits of Yoga ?
9. Write the functions of Educational Management.
10. What are the roles of SMC in a school ?

(4 × 2 = 8 marks)

Turn over

**Part C**

*Answer any four questions in about a page each  
Each question carries 4 marks.*

11. What are the characteristics of democratic institutional climate ?
12. What do you mean by performance appraisal of teachers ? Explain.
13. Briefly outline the essential records to be maintained in a school. (any four)
14. What are the principles of time table construction ?
15. What is the importance of institutional planning in a school ?
16. Explain Hypo Kinetic diseases.

(4 × 4 = 16 marks)

**Part D**

*Answer any one of the following.  
The question carries 10 marks.*

17. Explain briefly the duties and responsibilities of a Headmaster/Principal of a school.
18. Discuss the aims and objectives of health education in schools.

(1 × 10 = 10 marks)

D 13137

9-1-17

(Pages : 2)



**FIRST SEMESTER B.Ed. DEGREE EXAMINATION, DECEMBER 2016**

**EDU 03—LANGUAGE ACROSS THE CURRICULUM**

(2015 Admissions)

Time : Two Hours

Maximum : 40 Marks

**Part A**

*Answer all the questions.  
Each question carries 1 mark.*

1. What is meant by comprehending a passage ?
2. Mention the skills of language which are related to graphic symbols.
3. What is note making ?
4. What is a summary ?
5. What is language ?
6. List four major elements of communication.

(6 × 1 = 6 marks)

**Part B**

*Answer all the questions.  
Each question carries 2 marks.*

7. Differentiate 'Continuity Theory' and 'Discontinuity Theory'.
8. What is discipline based language ?
9. Mention a few principles behind the emergence of LAC.
10. Mention a few merits of having commanding power in handling English Language.

(4 × 2 = 8 marks)

**Part C**

*Answer any four among the following.  
Each question carries 4 marks.*

11. What are the advantages offered to teachers, if they are good at English language ?
12. Write a paragraph on study skills.
13. Write the factors to be kept in mind when summarizing a passage.
14. Explain different types of activities to be used for developing speaking skill in your students.
15. How would you develop the reading skill in your students ?
16. Illustrate the importance of language in communication.

(4 × 4 = 16 marks)

Turn over

**Part D**

*Write an Essay on any one of the following.  
The question carries 10 marks.*

17. Give a comprehensive picture of LAC by explaining its definition, significance, principles and practice.
18. Explain the challenges faced by language teacher in India.

(1 × 10 = 10 marks)

**EDU 04**

**UNDERSTANDING DISCIPLINES &  
SUBJECTS**



**D 51991**

(Pages : 2)

Name.....*Lib.*.....

Reg. No.....*7.1.19*.....

**FIRST SEMESTER B.Ed. DEGREE EXAMINATION, DECEMBER 2018**

Education

**EDU 04—UNDERSTANDING DISCIPLINES AND SUBJECTS**

(2017 Admissions)

**Time : Two Hours**

**Maximum : 40 Marks**

**Part A**

*Answer all questions.*

*Each question carries 1 mark.*

1. Give the names of any *two* emerging subjects.
2. Define critical thinking.
3. What is the method of inquiry in academic disciplines ?
4. Write any *two* objectives of teaching Social Science.
5. What is meant by scientific temper ?
6. Which are the major school subjects ?

(6 × 1 = 6 marks)

**Part B**

*Answer all questions.*

*Each question carries 2 marks.*

7. What is meant by Academic discipline ?
8. What is the nature Mathematics ?
9. Distinguish between inter disciplinary and multi disciplinary subjects.
10. Write the importance of Problem solving in Mathematics.

(4 × 2 = 8 marks)

**Part C**

*Answer any four questions in about a page each.*

*Each question carries 4 marks.*

11. Briefly describe the nature and history of Science subjects.
12. Explain the reasons for establishing new disciplines.

**Turn over**

13. Write short note on classification of disciplines.
14. Describe briefly the reasons for including different subjects in the school curriculum.
15. What are language related skills of learning ? Explain.
16. Explain the difference among academic disciplines.

(4 × 4 = 16 mark)

### Part D

*Answer any one of the following.*

*The question carries 10 marks.*

17. Briefly outline the subject nature and subject history of languages.
18. Discuss the relationship among different school subjects by citing examples.

(1 × 10 = 10 mar)

**C 32316**

(Pages : 2)

Name.....

Reg. No.....

**FIRST SEMESTER B.Ed. DEGREE EXAMINATION, NOVEMBER 2017**

Education

EDU 04—UNDERSTANDING DISCIPLINES AND SUBJECTS

(2017 Admissions)

Time : Two Hours

Maximum : 40 Marks

**Part A**

*Answer all questions.*

*Each question carries 1 mark.*

1. Define critical thinking ability.
2. What is meant by scientific temper ?
3. What is the concept of academic discipline ?
4. Give the names of any two emerging subjects.
5. Write any one objective of teaching science.
6. What do you mean by area of specialization ?

(6 × 1 = 6 marks)

**Part B**

*Answer all questions.*

*Each question carries 2 marks.*

7. Write any two differences among different academic disciplines.
8. What are the different steps in problem solving ?
9. What are the major objectives of teaching Social Sciences ?
10. Which are the language related skills of learning ?

(4 × 2 = 8 marks)

**Part C**

*Answer any four questions in about a page each.*

*Each question carries 4 marks.*

11. Explain Biglan Model of Classifications of disciplines.
12. Discuss the history and nature of Mathematics.
13. Describe the relationship among different academic disciplines.

**Turn over**



14. Explain the subject nature of Mathematics.
15. Describe briefly the reasons for emerging new disciplines.
16. Write on inter disciplinary and multi-disciplinary subjects.

(4 × 4 = 16 marks)

**Part D**

*Answer any one of the following.*

*The question carries 10 marks.*

17. Briefly describe the subject nature and subject history of Science and Social Sciences.
18. Discuss the relationship among different subjects in the school curriculum, by taking all the major school subjects.

(1 × 10 = 10 marks)

**D 13138**

(Pages : 2)

Name.....

Reg. No.....

**FIRST SEMESTER B.Ed. DEGREE EXAMINATION, DECEMBER 2016**

**EDU 04—UNDERSTANDING DISCIPLINES AND SUBJECTS**

(2015 Admissions)

Time : Two Hours

Maximum : 40 Marks

**Part A**

*Answer all the questions.  
Each question carries 1 mark.*

1. Define School Subjects.
2. Name *two* disciplines come under the category Hard Pure.
3. Expand STEM.
4. What is the central purpose of schooling according to social efficiency ideology ?
5. What is the difference between education and training according to classical view ?
6. What is multi-disciplinary learning ?

(6 × 1 = 6 marks)

**Part B**

*Answer all the questions.  
Each question carries 2 marks.*

7. What are the aims of schooling ?
8. What is pedagogical content knowledge ?
9. Explain the conservative views on education.
10. What are the epistemological considerations in selecting school subjects ?

(4 × 2 = 8 marks)

**Part C**

*Answer any four questions.  
Each question carries 4 marks.*

11. Explain with example, how power structure influence school subjects.
12. Explain the characteristics of disciplines.
13. What are the arguments for and against the doctrine of disciplinarity of school subjects ?

**Turn over**

14. Discuss curriculum change as a socio-political process.
15. Discuss the classification (typology) of disciplines.
16. What is interdisciplinary understanding? What is its significance?

(4 × 4 = 16 marks)

**Part D**

*Answer any one questions.  
It carries 10 marks.*

17. Explain the factors to be considered while developing curriculum.
18. Illustrate the nature of different school subjects.

(1 × 10 = 10 marks)

**FIRST SEMESTER B Ed MODEL EXAMINATION, DECEMBER 2016**

**EDU 04- UNDERSTANDING DISCIPLINES AND SUBJECTS**

TIME: 2 HOUR

MAXIMUM MARK: 40

*Answer all the questions*

*Each question carries 1 mark*

- 1 What is the aim of schooling according to social Reconstructionism?
- 2 Define patasala?
- 3 Explain subject matter of science?
- 4 Define the term hospitality?
- 5 Define sustainable development?
- 6 What is corollary?

(6\*1=6marks)

*Answer all the questions*

*Each question carries 2 marks*

- 7 Describe the socio-political assumptions behind selection of school subjects?
- 8 What are the features of academic disciplines?
- 9 Define inter disciplinary learning?
- 10 What is the need of studying school subjects?

(4\*2=8marks)

*Answer any four questions*

*Each question carries 4 marks*

- 11 Deference between academic disciplines and school subjects?
- 12 How does school curriculum influenced by learners context?



- 13 Differentiate sustainable development and environmental protections?
- 14 Describe pedagogical content knowledge and curricular knowledge?
- 15 What are the advantages of inclusion of near subject's areas? Explain any four?
- 16 Explain subject nature and history of languages?

(4\*4=16marks)

*Answer any one of the questions*

*It carries 10 marks*

- 17 Describe the evolution of school subjects in India?
- 18 Explain the structure of the subjects mathematics, science and social science?

(1\*10=10marks)

**നന്ദി...**

പരിപൂർണ്ണമല്ലെങ്കിലും പരിമിതികൾക്കുള്ളിൽ നിന്നും നല്ല രീതിയിൽ ചെയ്യാൻ ശ്രമിച്ചിട്ടുണ്ട്. ഈ സന്ദർഭത്തിൽ ഈ പ്രവർത്തനത്തിൽ സഹകരിച്ച എല്ലാവരെയും കൃതകജ്ഞതയോടെ സ്മരിക്കുന്നു. പരീക്ഷയെ നേരിടുന്ന എല്ലാ വിദ്യാർത്ഥികൾക്കും ഫാറൂഖ് ട്രൈനിംഗ് കോളേജ് എം.എഡ് അസോസിയേഷൻറെ വിജയാശംസകൾ നേരുന്നു...

മുഹമ്മദ് ഇസ്മായിൽ കെ.  
(കോഡിനേറ്റർ, മുന്നൊരുക്കം പരീക്ഷാ സഹായി)

മുഹമ്മദ് ഫാഇസ് കെ.പി.  
(എഡിറ്റർ, മുന്നൊരുക്കം പരീക്ഷാ സഹായി)