R–3408

M.Ed. DEGREE EXAMINATION, APRIL 2019

Second Semester

Education

EDUCATIONAL STATISTICS

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

(CBCS – 2015 onwards)

Time : 3 Hours   Maximum : 75 Marks

Section A $(10 \times 2 = 20)$

Answer **all** questions.

1. Explain the use of statistics is Educational Research.

2. What are the three measures of central tendency?

3. Write short notes on scales of measurement.

4. How does regression help is Education?

5. What are Type I and Type II errors?

6. State the concept of ANOVA.

7. Write a note on significance level.

8. How to identify the relationship among categories in data analysis?

9. Explain the use of computer software.

10. How to Beta page in page maker?

Section B $(5 \times 5 = 25)$

Answer any **five** questions.

11. Explain about skewness and kurtosis.

12. Explain the different methods of correlation.

13. Explain the meaning of Nominal type of Measurement with the help of an illustration.

14. Explain the concept of sampling error and illustration suggest ways and means for reducing sampling error.

15. Explain : Test of hypothesis.

16. Explain the role of ANOVA in an educational research with suitable examples.

17. Explain the role of computer for Data analysis.

18. Explain the usage of EXCEL for statistical analysis.

Section C $(3 \times 10 = 30)$

Answer **all** questions.

19. (a) Calculate any two measures of central tendency to the following data :

C.I. :	10-19	20-29	30-39	40-49	50-59	60-69
f :	4	8	12	8	5	3

Or

(b) Explain the concept of correlation. Calculate Rank order correlation coefficient for the following data and interpret the result.

Tamil Test :	23	26	18	25	22	30	22	33	21	24
English Test :	28	31	22	30	26	36	33	39	36	39

2 **R–3408**

20. (a) Explain the process of hypothesis formulation and testing.

Or

(b) Explain the role of 'F' test and 't' test in an educational research with suitable examples.

21. (a) Discuss the differences between EXCEL and SPSS software.

Or

(b) Explain the use of computer software in Qualitative data analysis.

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3 **R–3408**

R–3409

Sub. Code
741202/ 742202

M.Ed. DEGREE EXAMINATION, APRIL 2019

Second Semester

Education

EDUCATION FOR DIFFERENTLY ABLED CHILDREN

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

(CBCS – 2015 onwards)

Time : 3 Hours　　　　　　　　Maximum : 75 Marks

Section A　　　　　(10 × 2 = 20)

Answer **all** questions.

1.　Define integrated education.

2.　Who are socially oppressed children?

3.　What do you mean by Autism?

4.　Define learning disabilities.

5.　What is visual impairment?

6.　Define disability.

7.　Put forth your point on giftedness.

8.　What is curriculum?

9.　What is alcoholism?

10.　Define deviance.

Section B $(5 \times 5 = 25)$

Answer any **five** questions.

11. Describe about the emotionally challenged children.

12. Explain the scope of special education.

13. Put forth your view points on mental retardation.

14. What are the types of autism?

15. Write a short note on degree of hearing loss.

16. What type of education is given to the visually impaired children?

17. Explain the special education for the gifted children.

18. Explain the importance of counseling with an example.

Section C $(3 \times 10 = 30)$

Answer **all** questions.

19. (a) Write an essay on general needs of all children.

Or

(b) Discuss about the national and state level institutions for special education.

20. (a) Examine the types of learning disabilities with an example.

Or

(b) Explain the challenges and problems of special children in the modern society.

2 **R–3409**

21. (a) Examine the various types of delinquent behaviour of deviated children.

Or

(b) What are the various programmes are offered for the deviated children?

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R–3409

R–3410

Sub. Code
741203/742203

M.Ed. DEGREE EXAMINATION, APRIL 2019

Second Semester

Education

EDUCATIONAL TECHNOLOGY

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

(CBCS – 2015 onwards)

Time : 3 Hours   Maximum : 75 Marks

Section A   (10 × 2 = 20)

Answer **all** the questions.

1. Define educational technology.

2. Write a note on cybernetics.

3. Mention any four important physical barriers in communication.

4. Enumerate the stages of developing instructional design.

5. What do you meant by audio-visual media?

6. List out the uses of CCTV in education.

7. What do you meant by hyper text?

8. Define "communication".

9. What is task analysis?

10. What is meant by multimedia?

Section B (5 × 5 = 25)

Answer any **five** questions.

11. Distinguish between hardware and software approaches in Education technology.

12. Explain communication modes.

13. Write briefly about concept of instructional design.

14. Critically analyse the role and contribution of GYAN DARSHAN in education.

15. Explain EDUSAT.

16. Write a note on multimedia approach.

17. Explain the concept allainment model.

18. Write a note on optical fibre technology.

Section C (3 × 10 = 30)

Answer **all** the questions.

19. (a) Explain the meaning, nature and scope of educational technology. List out the significance of educational technology in education.

Or

(b) Describe FIACs.

20. (a) Give an account of systems approach in educational technology.

Or

(b) Explain ADDIE models of teaching.

R–3410

21. (a) Critically analyse the role of teleconferencing in educational technology.

Or

(b) Explain the recent trends in educational technology.

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R–3410

R–3411

Sub. Code
741204/
742204

M.Ed. DEGREE EXAMINATION, APRIL 2019

Second Semester

Education

INTRODUCTION TO TEACHER EDUCATION

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

(CBCS – 2015 onwards)

Time : 3 Hours   Maximum : 75 Marks

Part A   (10 × 2 = 20)

Answer **all** questions.

1. What do you mean teacher education?

2. Explain the need of teacher education.

3. Explain Abbott wood report.

4. Examine the saddler commission.

5. Define micro teaching.

6. Examine methodology.

7. What are benefits of team teaching?

8. Describe supervised study.

9. Explain internship.

10. Write a short note on teaching programme.

WSS

Part B (5 × 5 = 25)

Answer any **five** questions.

11. Examine the nature of teacher education.

12. What are objectives of teacher education?

13. Explain the teacher education in post independence India.

14. What are the recommendations of saddler commissions?

15. What are types of teacher education?

16. What is pedagogical theory?

17. What are differences between seminar and symposium?

18. Explain the off campus student teaching programme.

Part C (3 × 10 = 30)

Answer **all** questions.

19. (a) What do you understand on privatization in teacher in teacher education?

Or

(b) What are polices are implemented by India in teacher education?

20. (a) Examine the methodology of teaching subjects at primary and secondary level.

Or

(b) How will you teach through TLM? Explain.

2 R–3411

21. (a) Discuss the instructional techniques in teacher education.

        Or

    (b) Explain spaced lesson teaching with an example.

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3   **R–3411**

R–3412

Sub. Code
741504/742504

M.Ed. DEGREE EXAMINATION, APRIL 2019

Second Semester

Education

CURRICULUM AND INSTRUCTION

(Common for M.Ed. Dept. College)

(CBCS – 2015 onwards)

Time : 3 Hours   Maximum : 75 Marks

Section A   (10 × 2 = 20)

Answer **all** questions.

1.   What is flexibility?

2.   Define plurality.

3.   What do you mean by humanistic curriculum?

4.   List out four roles of teachers.

5.   Explain futuristic model.

6.   What is training model?

7.   What is peace oriented values?

8.   What do you mean by local history?

9.   Define decentralized curriculum.

10.   What is diversity?

Section B   (5 × 5 = 25)

Answer any **five** questions.

11.   What are the components of curriculum?

12.   Explain the humanistic curriculum.

13.   Put forth your view on characteristics of curriculum.

14.   How do you make curriculum framework?

15.   Discuss about the Hilda model.

16.   Analyze the needs of disability children in school education.

17.   Differentiate between BSCS and PSCS.

18.   Examine centralized curriculum.

Section C   (3 × 10 = 30)

Answer **three** questions.

19.   (a)   Write an essay on Sociological and Philosophical bases on curiculum.

Or

(b)   What are the various approaches in curriculum?

20.   (a)   Differentiate between Tylore models and Nicholls & Nicholls model with a suitable example.

Or

(b)   Discuss about the principles for developing learning experiences.

2   **R–3412**

21. (a) Explain the arts and heritage of Indian crafts with an example.

                    Or

     (b) Diversity among teachers in their competence – Discuss.

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3   R–3412

R–3413

M.Ed., DEGREE EXAMINATION, APRIL 2019

Second Semester

Education

PHYSICS FOR EVERYONE

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

(CBCS – 2015 onwards)

Time : 3 Hours　　　　　　　Maximum : 75 Marks

Part A　　　　　(10 × 2 = 20)

Answer **all** questions.

All questions carry equal marks.

1.　State Pauli's exclusion principle.

2.　List out any two properties of ionic bond.

3.　Define wavelength.

4.　Distinguish between interference and diffraction.

5.　Define simple harmonic motion.

6.　What is mean by loudness of sound?

7.　What is black-body radiation?

8.　State laws of radiation.

9.　What is meant by biomass energy?

10.　What are renewable energy sources?

Part B (5 × 5 = 25)

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

All questions carry equal marks.

11. (a) Explain with diagram the crystal structure of Diamond and Zinc Blende.

Or

(b) Explain the different quantum numbers associated with vector atom model.

12. (a) Discuss in detail light as an electromagnetic wave.

Or

(b) State and explain Fermat's principle.

13. (a) Explain Peizo-electric effect. Describe the Piezo-electric method of producing ultrasonic waves.

Or

(b) Explain how two simple harmonic vibrations acting simultaneously on a particle and in perpendicular directions can be compounded. Deduce an expression for the resultant vibration.

14. (a) Write a note on natural and forced convection.

Or

(b) Discuss in detail effect of temperature on thermal conductivity of different solids.

15. (a) Mention solar thermal applications.

Or

(b) Discuss in detail urban waste to energy conversion.

R–3413

Part C (3 × 10 = 30)

Answer any **three** questions.

All questions carry equal marks.

16. Give an account of Bohr's theory of hydrogen spectrum taking into account the finite mass of H_2 nucleus.

17. Describe the construction and working of a microscope.

18. Explain the applications of ultrasonic wave.

19. Obtain the two dimensional equation in spherical polar coordinates.

20. What are the types of biomass conversion process? Explain in detail.

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R–3413

R–3414

M.Ed. DEGREE EXAMINATION, APRIL 2019

Fourth Semester

Education

VALUE OF EDUCATION

(CBCS – 2015 onwards)

Time : 3 Hours　　　　　　　　Maximum : 75 Marks

Section A　　　　$(10 \times 2 = 20)$

Answer **all** questions.

1. What is value education?

2. Describe culture.

3. What is moral education?

4. Describe moral action. Give two examples.

5. Write short note on psycho-analytic approach in moral development.

6. Which is the stage for child moral development? Why?

7. Describe moral learning.

8. What are the features of civilised society?

9. What is Rationale Building model?

10. Give examples for moral dilemmas.

Section B   (5 × 5 = 25)

Answer any **five** questions.

11. Value education is an essential requirement for existing Indian society – Why?

12. Explain the affinity of moral values and religion with examples.

13. Who is morally educated person? What sort of nature he/she posses?

14. Differentiate moral instruction from moral training.

15. How will you integrate moral education through school subjects? Give example.

16. Explain different moral development stages.

17. What is social learning theory approach? How does it build moral development?

18. Suggest your recommendations to overcome from moral dilemma.

Section C   (3 × 10 = 30)

Answer **all** questions.

19. (a) How does learning theory approach give a hand to child on moral development? Explain.

Or

(b) How does moral learning outside the school influence moral development of a child? Explain.

2   **R–3414**

20. (a) Comment on and discuss in about three pages

 (i) moral judgment

 (ii) moral action.

 Or

 (b) How do you understand moral development of a child in relation to psycho-analytic approach?

21. (a) How does the social media influence the children learning in relation to moral development? Explain.

 Or

 (b) Which model of moral education best suited for value development of pupil in current senario? Explain.

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3   **R–3414**

R–3415

Sub. Code
741402

M.Ed. DEGREE EXAMINATION, APRIL 2019

Fourth Semester

Education

ECONOMIC AND POLITICAL SYSTEMS OF EDUCATION

(CBCS — 2015 onwards)

Time : 3 Hours   Maximum : 75 Marks

Section A   (10 × 2 = 20)

Answer **all** questions.

1.   Define Economic system with example.

2.   Narrate poverty in education.

3.   What is LPG?

4.   Write short note on Robert Mathus.

5.   Mention the role of UNESCO in education.

6.   Define mixed economy.

7.   What is indirect democracy?

8.   What is welfare economy?

9.   What is totalitarianism?

10. Write few features of modern dictatorship.

Section B $(5 \times 5 = 25)$

Answer any **five** questions.

11. Explain how does work and occupation impact the modern society.

12. How does education play a significant role in creating skilled labour force?

13. What is efficiency in work? Explain its association with decision of labour.

14. What is equal opportunities in education? How does it offer in Indian society?

15. What are the drawbacks of privatisation in education?

16. Explain the principles of democratic society.

17. Bring out advantages and disadvantages of pressure groups.

18. Explain the educational functions of welfare state.

Section C $(3 \times 10 = 30)$

Answer **all** questions.

19. (a) Critically analyse the effects of industrialisation in education.

Or

(b) Explain the privatisation of education with merits and demerits.

R–3415

20. (a) Explain in detail any two international funding agencies for education.

Or

(b) Critically examine impact of Global Economy in Indian Education.

21. (a) What is Democracy in Education? Explain in detail.

Or

(b) How do Indian political parties influence Indian educational policy? Explain

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R–3415

R–3416

M.Ed./M.Ed. (Spl. Education (VI)) DEGREE EXAMINATION, APRIL 2019

Fourth Semester

Education

PLANNING AND FINANCING OF EDUCATION

(Common for M.Ed./M.Ed. (Spl. Education (VI))

(CBCS – 2015 onwards)

Time : 3 Hours   Maximum : 75 Marks

Section A $(10 \times 2 = 20)$

Answer **all** questions.

1.   Define financing committee.

2.   What are the types of educational planning?

3.   Explain Man-Power Approach.

4.   Point out the needs of education plan in school level.

5.   Write any four functions of SERTs.

6.   What do you mean by Micro planning?

7.   Define school mapping.

8.   What is year plan?

9.   What do you mean by self finance colleges?

10.   Describe the significance of education finance.

Section B   (5 × 5 = 25)

Answer any **five** questions.

11. What are the types of educational planning?

12. Describe the roles of NCERT in higher education.

13. Give a detail on Return of Investment Approach.

14. What are the roles of NAAC?

15. Explain :
     (a) DSC
     (b) NUEPA.

16. Write a short note on state and district level planning in education.

17. Differentiate between aided colleges self finance colleges.

18. Explain the impact of globalization in Education.

Section C   (3 × 10 = 30)

Answer **all** questions.

19. (a) Write an essay on Social Demand Approach and Man Power Approach.

                              Or

     (b) Write an essay on five year planning in educational development.

20. (a) Briefly discuss about the concepts of macro and micro planning at state level.

                              Or

     (b) Explain the role and contribution of different agencies in educational planning.

R–3416

WSS

21. (a) Explain detail about the DISE for planning at schools level.

                          Or

    (b) Write an essay on cost minimization and quality improvement in education.

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                 3   **R–3416**

R–3417

M.Ed./M.Ed. (Spl. Education (VI)) DEGREE EXAMINATION, APRIL 2019

Fourth Semester

Education

DISTANCE EDUCATION

(Common for M.Ed./M.Ed. (Spl. Education (VI))

(CBCS — 2015 onwards)

Time : 3 Hours   Maximum : 75 Marks

Part A   (10 × 2 = 20)

Answer **all** questions.

1. Define distance education.

2. Give any two important uses of open school system.

3. What is correspondance course?

4. What is SIM?

5. Explain the concept of open university.

6. What is virtual library?

7. What is student support system?

8. Give any two salient features of distance education.

9. What is DEB?

10. Give any two important objectives of IGNOU.

Part B (5 × 5 = 25)

Answer any **five** questions.

11. What are the objectives of distance education?

12. What are all the essential features of distance education?

13. What are the Intervention strategies for contact classes in distance education programme?

14. Write a short note on programs for women through distance education.

15. Explain student support system in distance education.

16. How to do programme evaluation in distance education?

17. Give the drawbacks in maintaining standards in distance education.

18. Write a short note on Distance Education Bureau.

Part C (3 × 10 = 30)

Answer **all** the questions.

19. (a) Explain the role of ICT and their application in distance education.

Or

(b) Distance education is need of the hour – Discuss.

2 **R–3417**

20. (a) Discuss in brief : how to maintain the quality assurance of distance education.

Or

(b) Skill development through distance education – Discuss.

21. (a) Explain the objectives, role and functions of IGNOV.

Or

(b) Distance education is a supplement on a compliment – Discuss.

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3   **R–3417**