

D-5011

Sub. Code

34811

DISTANCE EDUCATION

M.A.(Education) DEGREE EXAMINATION, DEC 2020.

First Semester

**PHILOSOPHICAL AND SOCIOLOGICAL BASES OF
EDUCATION**

(CBCS 2018–19 Academic Year onwards)

Time : Three hours

Maximum : 75 marks

PART A — (10 × 2 = 20 marks)

Answer ALL questions.

1. How philosophy is related education?
2. Write a short note on pragmatism.
3. Write any four differences between education thoughts of Indian philosophers and western philosophers.
4. List out the scope of sociology of education.
5. What are the educational implications of Islam?
6. Why education is needed for women's empowerment?
7. Who are downtrodden people, suggest a few ways to uplift them?
8. Write a short note on role of education in tackling terrorism.
9. How do you develop new social patterns?
10. What is Marxism and its impact on education?

PART B — (5 × 5 = 25 marks)

Answer ALL questions, choosing either (a) or (b).

11. (a) Explain the major systems of philosophy of education.

Or

- (b) Explain the Swami Vivekanda's educational thoughts.

12. (a) Explain the existential approach to education.

Or

- (b) Explain the Indian schools of philosophy and their educational implications.

13. (a) Education as an instrument of social change – justify.

Or

- (b) Bring out the contribution of Mahatma Gandhi to education.

14. (a) What is social mobility? Enumerate the educational functions to promote the social mobility.

Or

- (b) List out the various problems of national integration.

15. (a) Explain educational philosophy of John Dewey.

Or

- (b) Discuss about the Adim's report.

PART C — (3 × 10 = 30 marks)

Answer any THREE out of Five questions.

16. Discuss about the Article 15(3).
 17. Describe about Upanishads and Bhagwat Gita and their educational implications.
 18. Explain the problems of women's empowerment and how to promote women's empowerment.
 19. Explain different branches of philosophy.
 20. Explain democracy, naturalism, idealism and pragmatism and their views on education.
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D-5012

Sub. Code

34812

DISTANCE EDUCATION

M.A. (Education) DEGREE EXAMINATION, DEC 2020.

First Semester

ESSENTIALS OF EDUCATIONAL PSYCHOLOGY

(CBCS 2018–19 Academic Year onwards)

Time : Three hours

Maximum : 75 marks

PART A — (10 × 2 = 20 marks)

Answer ALL questions.

All questions carry equal marks.

1. Give the meaning of the term schools of psychology.
2. Difference between psychology and education.
3. What is meant by observation method?
4. Write about stages of development.
5. Define emotional intelligence.
6. What do you mean by Remembering and foregetting?
7. Write a concept of motivation.
8. List out the intelligence test and its uses.
9. What is personality?
10. List out the attitude of creativity.

PART B — (5 × 5 = 25 marks)

Answer the following questions, choosing either (a) or (b).

11. (a) Explain goals of psychology.

Or

- (b) Explain latest trends in educational psychology.

12. (a) What is clinical method? How does this help a teacher?

Or

- (b) What are the remedies of adolescent's problems?

13. (a) What is Freud's view about psycho-sexual development?

Or

- (b) What are principles of meta-cognition?

14. (a) What is non-projective techniques and its TAT test?

Or

- (b) What are the determinants of metacognition?

15. (a) Explain the strategies for fostering creativity.

Or

- (b) Discuss the concept of individual difference.

PART C — (3 × 10 = 30 marks)

Answer any THREE of the following.

16. What is learning? Explain the operant conducting.
17. Discuss the insightful learning theory.

18. Difference between personality and creativity. How can creativity be promoted among students?
 19. Describe the gifted and mentally retarded children's special needs and their problems.
 20. What are factors affecting creativity and its process of creativity?
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34813

DISTANCE EDUCATION

M.A.(Education) DEGREE EXAMINATION, DEC 2020.

First Semester

CURRICULUM DESIGN PROCESS

(CBCS 2018–19 Academic Year onwards)

Time : Three hours

Maximum : 75 marks

PART A — (10 × 2 = 20 marks)

Answer ALL questions.

1. Bring out the difference between curriculum and syllabus.
2. List out the advantages of team teaching.
3. Write about the sociological bases of curriculum.
4. What do you mean by systems approach?
5. "Internet is the world wide source for curriculum transaction" – Justify.
6. What is curriculum map?
7. Suggest need of curriculum revision.
8. Elucidate the criteria of curriculum development.
9. As a teacher, how will you prepare core curriculum?
10. Mention the role of teacher in curriculum development.

PART B — (5 × 5 = 25 marks)

Answer ALL questions, choosing either (a) or (b).

11. (a) “Curriculum as an instrument of national development” – Discuss.

Or

- (b) Enumerate the characteristics of good curriculum.
12. (a) Explain the systems approach in curriculum construction.

Or

- (b) Ellucidate the role of electronic devices in curriculum transaction.
13. (a) Illustrate effective curriculum planning with an example.

Or

- (b) Explain the recommendations of secondary education commission (1952) in curriculum development.
14. (a) Explain the significance of activity – cum – experience centered curriculum design.

Or

- (b) What are the aspects involved in analysis of curricular content?
15. (a) Write down the difference between formative and summative evaluation with an example.

Or

- (b) Explain the projective technique in personality assessment.

PART C — (3 × 10 = 30 marks)

Answer any THREE questions.

16. Describe the aspects of curriculum design.
 17. Explain the process involved in curriculum development.
 18. Describe the strategies involved in effective implementation of the curriculum design.
 19. Explain the factors influencing the curriculum construction.
 20. Discuss the determinants of curriculum development.
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34814

DISTANCE EDUCATION

M.A. (Education) DEGREE EXAMINATION, DEC 2020.

First Semester

INNOVATION IN EDUCATION

(CBCS 2018–19 Academic Year onwards)

Time : Three hours

Maximum : 75 marks

PART A — (10 × 2 = 20 marks)

Answer ALL questions.

1. Define – innovation.
2. What are the characteristics of culture?
3. What is leadership?
4. Write about the principle of equality.
5. What is the meaning of media?
6. Write about the concept of De-schooling.
7. Enlist the characteristics of learning.
8. Mention the types of teleconferencing.
9. List out the types of networks.
10. Who are exceptional children?

PART B — (5 × 5 = 25 marks)

Answer the following questions, choosing either (a) or (b).

11. (a) Give some suggestions for the promotion of innovativeness in students.

Or

- (b) Mention the role of teacher in school.

12. (a) Write short notes about self learning devices.

Or

- (b) What are the factors responsible for the resistance to the growth of culture?

13. (a) Briefly explain the role of UNESCO in the modification of educational systems.

Or

- (b) Write short notes about teaching machines.

14. (a) Explain about institutional autonomy.

Or

- (b) Write about Dalton plan.

15. (a) What are the phases of system approach?

Or

- (b) Explain about the needs and construction of language laboratory.

PART C — (3 × 10 = 30 marks)

Answer any THREE out of Five questions.

16. Briefly explain the barriers to make changes.
17. Mention the education experiments of Rabindranath Tagore.
18. Write about Frobel's kindergarden.
19. What is programmed instruction? Explain its principles, types, merits and demerits.
20. Write in brief about :
 - (a) Correspondence courses.
 - (b) Open university.

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DISTANCE EDUCATION

M.A.(Education) DEGREE EXAMINATION, DEC 2020.

Second Semester

PERSPECTIVES OF EDUCATIONAL TECHNOLOGY

(CBCS 2018–19 Academic Year onwards)

Time : Three hours

Maximum : 75 marks

PART A — (10 × 2 = 20 marks)

Answer ALL the questions.

1. What is the scope of educational technology?
2. Discuss about the 'Barriers to communication'.
3. Write a short note on 'E-learning'.
4. Bring out the role of radio for learning.
5. What do you know about 'SITE'?
6. Explain about interactive multimedia.
7. Explain 'Web based learning'.
8. What are the advantages of 'E-journal'?
9. What is meant by hardware in educational technology?
10. How will you make use of T.V. for effective teaching?

PART B — (5 × 5 = 25 marks)

Answer ALL questions, choosing either (a) or (b).

11. (a) Describe the role of ICT for quality education.

Or

- (b) What is CCTV? How can it be used for the educational purpose?

12. (a) What is systems approach and how can it be applied to educational technology?

Or

- (b) Compare and contrast distance education and open education.

13. (a) Enumerate the various E-resources for effective learning.

Or

- (b) What are verbal and non-verbal communication? Give suitable examples.

14. (a) Identify the effective strategies for counselling for the distance learners.

Or

- (b) Describe the student support services in distance learning.

15. (a) What are the advantages of educational satellite?

Or

- (b) What are the advantages of E-content?

PART C — (3 × 10 = 30 marks)

Answer any THREE out of Five questions in about
500 words.

16. Explain the characteristics advantages and drawbacks of self instructional module.
17. Explain in detail the applications of Multimedia in education.
18. Bring out the relevance of “low cost technology” in the Indian educational context.
19. What are the foundations of educational technology? Explain them in detail.
20. Why the knowledge of ICT is essential for teachers? Explain in detail.

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DISTANCE EDUCATION

M.A. (Education) DEGREE EXAMINATION, DEC 2020.

Second Semester

CONTEMPORARY ISSUES IN EDUCATION

(CBCS 2018–19 Academic Year onwards)

Time : Three hours

Maximum : 75 marks

PART A — (10 × 2 = 20 marks)

Answer ALL questions.

1. Discuss the issues and significance of hybrid and interface courses.
2. Analyse the dimensions of growth in student's strength.
3. Identify the issues related to accountability in higher education.
4. Explain intellectual and motivational resources.
5. What do you mean by SWOT? Explain.
6. Write the significance of extra curricular activities at the level of higher education.
7. What do you mean by life long education?
8. Brief the role of RCI.
9. Explain the concept of environment education.
10. Mention any four functions of AIU.

PART B — (5 × 5 = 25 marks)

Answer ALL questions, choosing either (a) or (b).

11. (a) Write about the need and importance of e-learning courses.

Or

- (b) Illuminate the quality vs quantity issues with regard to growth in educational institutions.

12. (a) Explain the role of private capital in educational investment.

Or

- (b) Discuss about SWOT analysis.

13. (a) How far does extension services and outreach programmes help in societal development?

Or

- (b) Give a detailed account of campus tranquility Management.

14. (a) State the functions of MHRD.

Or

- (b) Justify the need for including sex education in schools.

15. (a) What is District Primary Education programme and its importance?

Or

- (b) Describe education for girls in India and its influence towards girls.

PART C — (3 × 10 = 30 marks)

Answer any THREE out five questions.

16. Explain the issues innovators, adopters and legends in change management.
 17. Education is an integral a parts of every individual, family and society. Explain.
 18. There is a need for excellence in the standard of education – justify.
 19. Explain the role of UGL in the development of education.
 20. Discuss the need and importance of vocational education in India.
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D-5017

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34823

DISTANCE EDUCATION

M.A.(Education) DEGREE EXAMINATION, DEC 2020.

Second Semester

**EDUCATIONAL RESEARCH METHODOLOGY AND
STATISTICS IN EDUCATION**

(CBCS 2018-19 Academic Year onwards)

Time : Three hours

Maximum : 75 marks

PART A — (10 × 2 = 20 marks)

Answer ALL the questions.

1. What is hypothesis?
2. Define – variables.
3. What is meant by validity?
4. What are the technique of sampling?
5. Write short note on questionnaire.
6. Define – ethnography.
7. What are the types of measurement scale?
8. Write short note on non-parametric statistics.
9. Define : ANOVA.
10. List out the use of computer in data analysis.

PART B — (5 × 5 = 25 marks)

Answer ALL questions, choosing either (a) or (b).

11. (a) Describe validity and reliability.

Or

- (b) Bring out the need and qualities of hypothesis.

12. (a) Describe the research tools.

Or

- (b) Explain the scope of Historical research.

13. (a) Describe the parametric techniques.

Or

- (b) Describe the types of measurement scales.

14. (a) Describe the simple statistical applications.

Or

- (b) Explain the 't' tests and its types.

15. (a) What are the characteristics of a good research?

Or

- (b) Describe the Application of software's in research.

PART C — (3 × 10 = 30 marks)

Answer any THREE out of Five questions.

16. Describe the various uses of research.

17. Explain the advanced methods of educational statistics.

18. Distinguish between probability and non-probability sampling techniques.
 19. Explain the different types of research.
 20. Explain the various uses of computer data in research.
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DISTANCE EDUCATION

M.A.(Education) DEGREE EXAMINATION, DEC 2020.

Second Semester

PRINCIPLES OF EDUCATIONAL MANAGEMENT

(CBCS 2018–19 Academic Year onwards)

Time : Three hours

Maximum : 75 marks

PART A — (10 × 2 = 20 marks)

Answer ALL questions.

1. What is MBO?
2. What do you mean by administration?
3. What is organization chart?
4. Write a note on supervision.
5. What is planning?
6. Write the objective of motivation.
7. What is meant by planning for change?
8. Write a note on TQM.
9. List out the any four motivational theories.
10. Write the types of motivation.

PART B — (5 × 5 = 25 marks)

Answer ALL questions, choosing either (a) or (b).

11. (a) Write the objectives of management.

Or

- (b) Write the difference between administration and management.

12. (a) Describe the steps are involved in HRD.

Or

- (b) Explain the principles of supervision in education.

13. (a) Elaborate the types of educational communication.

Or

- (b) What are the techniques of educational management control?

14. (a) What is decision-making? Explain its types.

Or

- (b) Explain the strategic alliances in organizational competence.

15. (a) Describe the need and techniques of educational management control.

Or

- (b) Explain the Planning Programming Budgeting System (PPBS) in management.

PART C — (3 × 10 = 30 marks)

Answer any THREE questions.

16. Explain the methods to overcome barriers in educational communication.
 17. What is leadership? How to develop these qualities among students?
 18. Describe the principles of organisation.
 19. Explain the function of educational institutions in Human Resource Management (HRM).
 20. Describe the decetralised organisation.
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D-5019

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34831

DISTANCE EDUCATION

M.A.(Education) DEGREE EXAMINATION, DEC 2020.

Third Semester

GUIDANCE AND COUNSELLING

(CBCS 2018-19 Academic Year onwards)

Time : Three hours

Maximum : 75 marks

PART A — (10 × 2 = 20 marks)

Answer ALL questions.

1. Write down the different type of guidance.
2. Difference between guidance and counselling.
3. Define – counselling.
4. State the nature of counselling.
5. What are the merits of eclectic counselling?
6. Write short note on case study.
7. What are the group guidance activities?
8. What is observation? State the types of observation.
9. Define – Attitude.
10. What is meant by self – esteem?

PART B — (5 × 5 = 25 marks)

Answer ALL questions, choosing either (a) or (b).

11. (a) Discuss the role of teachers in guidance programme.

Or

- (b) Bring out the need of guidance.

12. (a) Describe the characteristics of counselling.

Or

- (b) Bring out the importance of educational guidance in schools.

13. (a) How will you use rating scale in guidance techniques?

Or

- (b) List down the qualities of good counsellor.

14. (a) How will you disseminate occupational information to students?

Or

- (b) State the purpose of interest inventory in guidance.

15. (a) Examine the techniques of group guidance and its advantages.

Or

- (b) Briefly discuss the scope of educational guidance.

PART C — (3 × 10 = 30 marks)

Answer any THREE out of Five questions.

16. Enumerate the types of tests used in guidance.
 17. Explain the theories of counselling.
 18. Describe the uses and limitations of testing techniques in guidance.
 19. Explain in detail about integrative understand and dynamic self understanding.
 20. Explain the types of counselling.
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34832

DISTANCE EDUCATION

M.A.(Education) DEGREE EXAMINATION, DEC 2020.

Third Semester

QUALITY ISSUES IN EDUCATION

(CBCS 2018–19 Academic Year onwards)

Time : Three hours

Maximum : 75 marks

PART A — (10 × 2 = 20 marks)

Answer the following questions.

1. What do you mean by quality?
2. State the factors influencing quality.
3. List the performance indicators of NAAC.
4. What is the meaning of benchmarking in higher education?
5. Mention the types of quality assessment and accreditation.
6. Bring the importance of NAAC accreditation.
7. Write the need for national board of accreditation.
8. Name the elements of total quality management.
9. State the objectives of academic audit.
10. Give the benefits of ISO 9000 certification for educational institutions.

PART B — (5 × 5 = 25 marks)

Answer the following questions, choosing either (a) or (b).

11. (a) Write the difference between quality assurance and quality control in education.

Or

- (b) Explain the need for quality in higher education.

12. (a) Describe the procedure for re-accreditation.

Or

- (b) Describe the criteria and weightages given for accreditation according to NBA.

13. (a) Explain the various approaches to TQM.

Or

- (b) Analyze the advantages and limitations of academic audit.

14. (a) Comment on the international practices of accreditation.

Or

- (b) Compare accreditation and ISO 9000 certification.

15. (a) Enumerate the functions of NCTE in improving the quality in teacher education.

Or

- (b) Describe the role of supervision and inspection in total quality management.

PART C — (3 × 10 = 30 marks)

Answer any THREE questions.

16. Write a note on accountability for quality education. Discuss the impact of accountability on stakeholders and society.
17. Explain the methodologies of bench marking in higher education.
18. Discuss the new initiatives of NAAC accreditation to enhance quality in higher education.
19. Discuss quality in education in a global perspective.
20. Explain the important functions and contributions of the following statutory bodies in education (a) MHRD and (b) UGC.

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DISTANCE EDUCATION

M.A.(Education) DEGREE EXAMINATION, DEC 2020.

Third Semester

VALUE EDUCATION

(CBCS 2018-19 Academic Year onwards)

Time : Three hours

Maximum : 75 marks

PART A — (10 × 2 = 20 marks)

Answer ALL questions.

1. What are values?
2. Give the importance of value education.
3. What are the social factors for moral development?
4. Write the role of parents in moral development.
5. What is moral judgement?
6. Write note on assessment of values.
7. Give an account on limitation.
8. List the aims of education.
9. Write down the sources of values.
10. What is sermonising?

PART B — (5 × 5 = 25 marks)

Answer ALL questions.

11. (a) Write in detail about the recommendation of Indian Education Commission (1964).

Or

- (b) Explain the rational building model.

12. (a) Discuss the types of values.

Or

- (b) Explain Kowberg's approach of moral development.

13. (a) Explain the sociological basis of education.

Or

- (b) Discuss the qualitative and quantitative approaches in measurement of values.

14. (a) Briefly explain the need for value education in 21st century.

Or

- (b) Discuss the role of mass media, religion and peer groups in fostering values in an individual.

15. (a) Write note on :

- (i) Role model
(ii) Folk stories and arts.

Or

- (b) Briefly explain the factors for moral development.

PART C — (3 × 10 = 30 marks)

Answer any THREE questions.

16. Discuss the recommendation of NCF (2005).
 17. Explain Jean Piaget's theory of development.
 18. Describe the various domains of values.
 19. Briefly explain the strategies of value education.
 20. Discuss the psychological and philosophical basis of value education.
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34834

DISTANCE EDUCATION

M.A.(Education) DEGREE EXAMINATION, DEC 2020.

Third Semester

COMPARATIVE EDUCATION

(CBCS 2018–19 Academic Year onwards)

Time : Three hours

Maximum : 75 marks

PART A — (10 × 2 = 20 marks)

Answer ALL questions.

1. Give notes about education for economic development.
2. Write about the new discipline to comparative education.
3. Mention the role of UNESCO.
4. Give meaning of poverty in education.
5. Discuss about comparative study of primary education.
6. What is population explosion?
7. Write notes on “sustainable development”?
8. List out the UNO’s educational activity.
9. Explain “Globalization”.
10. Bring out gender sensitization.

PART B — (5 × 5 = 25 marks)

Answer ALL questions, choosing either (a) or (b).

11. (a) Briefly discuss about the comparative education for economic development.

Or

- (b) Enumerate the different methods of comparative education.

12. (a) Think and analyses about education for environment protection.

Or

- (b) Explain the social culture development of comparative education.

13. (a) Briefly explain the factors related to cross disciplinary approach.

Or

- (b) What are the factors determining the educational system of India?

14. (a) Justify about the various official organs of UNO.

Or

- (b) Elucidate the higher education status.

15. (a) What are the problems faced Indian education system?

Or

- (b) Explain the environmental degradatation.

PART C — (3 × 10 = 30 marks)

Answer any THREE questions.

16. Describe the factors and approaches of comparative education.
17. Critically analyses about the modern trends in world education.
18. List out the what are the problems of education, how to prevention and improvement.
19. Explain educational development. What are the factors determining the socio-cultural development?
20. Discuss the importance of the educational system in comparative perspective and its development.

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34841

DISTANCE EDUCATION

**M.A. (Education) DEGREE EXAMINATION,
DECEMBER 2020.**

Fourth Semester

SPECIAL EDUCATION

(CBCS 2018 – 2019 Academic Year Onwards)

Time : Three hours

Maximum : 75 marks

PART A — (10 × 2 = 20 marks)

Answer ALL questions.

1. Who are gifted children?
2. What are the qualities of slow learners?
3. Define – special education.
4. List any two act related to the service of the disabled.
5. List out the beneficiaries covered under PWD Act 1995.
6. What is learning disability?
7. Define the term multiple disability.
8. Who are delinquents?
9. State the need for the education of the gifted children.
10. Write short note on POA (1992).

PART B — (5 × 5 = 25 marks)

Answer ALL questions, choosing either (a) or (b).

11. (a) Briefly explain the ways and means of identifying children with learning disabilities.

Or

- (b) State the importance of special education.

12. (a) Enumerate the importance of NPE (1986).

Or

- (b) Differentiate integrated education and inclusive education.

13. (a) Briefly explain the Government policies for special education in India.

Or

- (b) Discuss about curriculum for disabled learners.

14. (a) State the causes for hearing impaired children.

Or

- (b) How will you identify the gifted children. List down the educational programmes for the gifted children.

15. (a) Explain the types of multiple disabilities.

Or

- (b) Describe the principles of creativity and its levels.

PART C — (3 × 10 = 30 marks)

Answer any THREE questions.

16. Discuss the etiological and preventive factors of mentally retarded children.
 17. Enumerate the educational programmes of special children.
 18. Explain the recommendations of various committees and commissions of special education in India.
 19. Discuss the measurements of creativity and fostering activities and programmes for creativity in special children with exceptional abilities.
 20. Explain the meaning and types of socially and emotionally disturbed children.
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34842

DISTANCE EDUCATION

M.A. DEGREE EXAMINATION, DECEMBER 2020.

Fourth Semester

Education

TEACHER EDUCATION

(CBCS 2018-19 Academic Year onwards)

Time : Three hours

Maximum : 75 marks

PART A — (10 × 2 = 20 marks)

Answer ALL questions.

1. What are the aim of Teacher Education?
2. Write notes on Teacher Education Programme.
3. Explain workshop technique for higher learning.
4. What is curriculum?
5. Explain about N.C.E.R.T.
6. Bring out salient feature of Distance Education Programme.
7. Give meaning and objective of UNESCO.
8. Write about the special schools.

9. Discuss “Taba Model”.
10. What are responsibility of teachers?

PART B — (5 × 5 = 25 marks)

Answer ALL questions choosing either (a) or (b).

11. (a) What are the scope of Teacher Education.
- Or
- (b) Bring out needs of learner educational system.
12. (a) Discuss about the current teacher education system in India.
- Or
- (b) Enumerate some technique for higher learning.
13. (a) Classify the structure of teacher education curriculum at different levels.
- Or
- (b) Narrate the salient features of relevance flexibility integration.
14. (a) Briefly discuss about types of teachers education courses.
- Or
- (b) What is difference between inservice and pre-service programme.

15. (a) Describe the advantages of refresher courses.

Or

(b) What are the fundamental elements of teaching?

PART C — (3 × 10 = 30 marks)

Answer any THREE questions.

16. Write a essay on recent research area in Teacher Education.

17. Teaching as a profession - Discuss.

18. Write notes on :

(a) UGC

(b) SCERT

(c) I.A.S.E.

19. Bring out current problems in Teacher Education.

20. Describe about the model of Teaching.

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34843

DISTANCE EDUCATION

M.A. (Education) DEGREE EXAMINATION,
DECEMBER 2020.

Fourth Semester

ICT IN EDUCATION

(CBCS 2018 – 19 Academic year onwards)

Time : Three hours

Maximum : 75 marks

PART A — (10 × 2 = 20 marks)

Answer ALL questions.

1. Define Operating Systems.
2. Write short notes on CCTV.
3. What are the resource centers for Educational Technology?
4. Define – System.
5. What are the types of Programmed – Instruction?
6. Define – Andragogy.
7. What are the levels of Teaching?
8. What are the advantages of ICT in Education?
9. Define – Whatsapp.
10. What is meant by E.Tutorial?

PART B — (5 × 5 = 25 marks)

Answer ALL questions, choosing either (a) or (b).

11. (a) Describe the concept and uses of MS Word, MS Excel and Power Point.

Or

- (b) Explain ETV and its educational uses.

12. (a) What are the functions of state E.T. cells?

Or

- (b) Describe the information processing cycle.

13. (a) What are the steps in system approach?

Or

- (b) Distinguish between Pedagogy and Andragogy.

14. (a) Describe the Internet Tools.

Or

- (b) Explain Mobile learning.

15. (a) Explain the concept of e-learning and its trends.

Or

- (b) What are the ethical issues in educational technology?

PART C — (3 × 10 = 30 marks)

Answer any THREE questions.

16. Describe the CAI and its types.
17. Explain the trends in Educational Technology.

18. Describe the effective classroom – Communication Process.
 19. Explain the development of the Programmed Instruction material.
 20. Describe the social networks and its functions.
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