

D-4453

Sub. Code

34811

DISTANCE EDUCATION

M.A. (Education) DEGREE EXAMINATION, MAY 2024.

First Semester

**PHILOSOPHICAL AND SOCIOLOGICAL BASES OF
EDUCATION**

(CBCS 2018 – 2019 Academic Year Onwards)

Time : Three hours

Maximum : 75 marks

PART A — (10 × 2 = 20 marks)

Answer ALL the questions.

1. What is Philosophy?
2. Define Idealism.
3. Name the Proponents of Pragmatism.
4. What is Value?
5. What is Marxism?
6. What is Socialization?
7. Write short note on Nationalism.
8. What is social mobility?
9. Write any two programmes in promoting women's empowerment.
10. Write short note on Article 45.

PART B — (5 × 5 = 25 marks)

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

11. (a) Write the scope and objectives of education.

Or

- (b) Write about the contribution of Rousseau.

12. (a) Discuss the importance of Humanism.

Or

- (b) Write about the philosophy of Buddhism.

13. (a) Write the importance of moral and religious education.

Or

- (b) Write short note on socialistic pattern of society.

14. (a) State the meaning of Nationalism.

Or

- (b) Write the educational measures to ensure national integration.

15. (a) State the reservation policies of the Government to minimize social inequality.

Or

- (b) How education helps in maintaining global peace?

PART C — (3 × 10 = 30 marks)

Answer any THREE questions.

16. State the relationship between education and philosophy.
 17. Explain the Contribution of Swami Vivekananda.
 18. Elaborate on Existentialism in detail.
 19. Explain any two Indian schools of Philosophy and their educational implications.
 20. Explain the importance of International understanding.
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Sub. Code

34812

DISTANCE EDUCATION

M.A. (Education) DEGREE EXAMINATION, MAY 2024.

First Semester

ESSENTIALS OF EDUCATIONAL PSYCHOLOGY

(CBCS 2018 – 2019 Academic Year Onwards)

Time : Three hours

Maximum : 75 marks

PART A — (10 × 2 = 20 marks)

Answer ALL the questions.

1. What is educational psychology?
2. Define Case study.
3. Name the different theories of Intelligence.
4. What is growth?
5. Define Personality.
6. What is metacognition?
7. Write short note on Learning.
8. What is creativity?
9. What is individual difference?
10. Write short note on gifted children.

PART B — (5 × 5 = 25 marks)

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

11. (a) State the goals of Psychology.

Or

- (b) Write about the latest trends in Educational Psychology.

12. (a) Discuss the importance of Introspection method.

Or

- (b) Write about the merits of Experimental method.

13. (a) Write the factors influencing growth and development.

Or

- (b) Write short note on Freud's Psycho-sexual development.

14. (a) State the functions of motivation.

Or

- (b) Write about Skinner Operant Conditioning.

15. (a) State the importance of creativity in education.

Or

- (b) How heredity and environment are important in developing individual differences?

PART C — (3 × 10 = 30 marks)

Answer any THREE questions.

16. Explain the different branches of Psychology.
 17. Explain in detail Non-Projective technique of Personality.
 18. Elaborate on the factors and process of creativity.
 19. Explain Guilford structure of intellect.
 20. Elaborate on the characteristics of mentally retarded children.
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Sub. Code

34813

DISTANCE EDUCATION

M.A. (Education) DEGREE EXAMINATION, MAY 2024.

First Semester

CURRICULUM DESIGN PROCESS

(CBCS 2018 – 2019 Academic Year Onwards)

Time : Three hours

Maximum : 75 marks

PART A — (10 × 2 = 20 marks)

Answer ALL the questions.

1. Define- Syllabi.
2. List out the few principles of curriculum designing.
3. Point out the components for effective curriculum transaction.
4. What is instructional materials?
5. State the advantage of laboratory experience.
6. What is sequence in curriculum?
7. List out the few features Subject-centered curriculum.
8. Point out the benefits of formative evaluation.
9. Define – Allied instructional materials.
10. What is Core Curriculum?

PART B — (5 × 5 = 25 marks)

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

11. (a) Briefly explain about the need of sociological bases of curriculum.

Or

- (b) Give a short note on System approach.

12. (a) Describe about continuous professional development of teachers.

Or

- (b) Differentiate between Curriculum designing and curriculum revision.

13. (a) Briefly explain about interest inventories.

Or

- (b) Give a short note on Evaluation tools.

14. (a) Describe about monitoring of curriculum implementation.

Or

- (b) Point out the criteria for designing units in the curriculum.

15. (a) Briefly explain about liquid crystal display projector.

Or

- (b) Write a short note on Evaluation of Text Books.

PART C — (3 × 10 = 30 marks)

Answer any THREE questions.

16. Explain in detail about critical analysis of curricular content.
 17. Enumerate the importance of instructional planning for effective teaching.
 18. Describe about usage of internet and computers for effective curriculum transaction.
 19. Explain in detail about different methods of curriculum evaluation.
 20. Explain the following :
 - (a) University Education Commission (1948)
 - (b) Secondary Education Commission (1952)
 - (c) Education Commission (1966)
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34814

DISTANCE EDUCATION

M.A. (Education) DEGREE EXAMINATION, MAY 2024.

First Semester

INNOVATION IN EDUCATION

(CBCS 2018 – 2019 Academic Year Onwards)

Time : Three hours

Maximum : 75 marks

PART A — (10 × 2 = 20 marks)

Answer ALL the questions.

1. Write the importance of instructional media.
2. What is innovation?
3. List the uses of educational technology.
4. Expand CAI.
5. Define Programmed Instruction.
6. What is modernization?
7. Write short note on Institutional Autonomy.
8. What is LAN and WAN?
9. What is Open University?
10. Why language laboratory is important?

PART B — (5 × 5 = 25 marks)

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

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

Or

- (b) Write about the characteristics of culture.

12. (a) Discuss about child development theory.

Or

- (b) Write the status of Science education in developed and underdeveloped countries.

13. (a) State the importance of teacher's autonomy.

Or

- (b) Write short note on Dalton Plan.

14. (a) Write about system approach.

Or

- (b) Write the aims of forming networks.

15. (a) Write short note on Cybernetics.

Or

- (b) Write short note on Howard and Planton Plan.

PART C — (3 × 10 = 30 marks)

Answer any THREE questions.

16. Elaborate on the educational experiments of Rabindranath Tagore.
 17. Explain in detail the steps in courseware development.
 18. Elaborate on the need and importance of distance education.
 19. Explain the different types of teleconferencing.
 20. Explain the use of educational technology for exceptional children.
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D-4457

Sub. Code

34821

DISTANCE EDUCATION

M.A. (Education) DEGREE EXAMINATION, MAY 2024.

Second Semester

PERSPECTIVES OF EDUCATIONAL TECHNOLOGY

(CBCS 2018 – 2019 Academic Year Onwards)

Time : Three hours

Maximum : 75 marks

PART A — (10 × 2 = 20 marks)

Answer ALL questions.

1. What is Sociology?
2. List the types of communication.
3. Define Verbal communication.
4. What is communication process?
5. Define ETC.
6. What are video tape recorders?
7. List the advantages of innovation in learning.
8. What is meant by internet based learning?
9. Define instruction.
10. What is microteaching?

PART B — (5 × 5 = 25 marks)

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

11. (a) Write short note on human engineering.

Or

- (b) Write a brief note on large group communication.

12. (a) Discuss briefly about the factors affecting classroom communication.

Or

- (b) Write a short note on non-verbal communication.

13. (a) Write a short note on Flanders's Interaction Analysis Categories System.

Or

- (b) Write a brief note on Software in educational technology.

14. (a) Discuss about the objectives of Distance learning.

Or

- (b) Write the differences between microteaching and simulation.

15. (a) Write briefly about the ICT paradigms.

Or

- (b) Write a short note on the applications of multimedia.

PART C — (3 × 10 = 30 marks)

Answer any THREE questions.

16. Discuss in detail about the system approach as applied to educational technology.
 17. Explain the concept of communication process.
 18. Write a detailed note on the essential elements of four families of teaching models.
 19. Explain about the utilization of various E-resources in education.
 20. Elaborate the advantages and limitations of E-learning.
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34822

DISTANCE EDUCATION

M.A. (Education) DEGREE EXAMINATION, MAY 2024.

Second Semester

CONTEMPORARY ISSUES IN EDUCATION

(CBCS 2018 – 2019 Academic Year Onwards)

Time : Three hours

Maximum : 75 marks

PART A — (10 × 2 = 20 marks)

Answer ALL questions.

1. What is own-time course?
2. Define accountability.
3. Define Leadership.
4. Define bottom-up approach.
5. What is campus tranquility?
6. Expand EDUSAT.
7. What is meant by Lifelong education?
8. Expand NCTE.
9. What is meant by family of life?
10. Mention the primary role of CSIR.

PART B — (5 × 5 = 25 marks)

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

11. (a) Discuss briefly about the heterogeneity of student population.

Or

- (b) Write short note on the issues relating to autonomy.

12. (a) Write about the leadership in education management.

Or

- (b) Write brief note on motivational resources.

13. (a) Write a short note on ISO standards.

Or

- (b) Write briefly about the stakeholders participation in management.

14. (a) Discuss about the general and technical role of AICTE.

Or

- (b) Write a short note on environmental education.

15. (a) Write short note on operation blackboard.

Or

- (b) Write a brief note on district primary education.

PART C — (3 × 10 = 30 marks)

Answer any THREE questions.

16. Elaborate on the outreach programmes for social development initiatives.
 17. Write a detailed note on education of the differently abled children.
 18. Explain in detail about the educational finances for quality education.
 19. Elaborate on the types on universities and equivalent institutes of higher learning.
 20. Write a detailed note on the National policies of education.
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D-4459

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34823

DISTANCE EDUCATION

M.A. (Education) DEGREE EXAMINATION, MAY 2024.

Second Semester

**EDUCATIONAL RESEARCH METHODOLOGY AND
STATISTICS IN EDUCATION**

(CBCS 2018 – 2019 Academic Year Onwards)

Time : Three hours

Maximum : 75 marks

PART A — (10 × 2 = 20 marks)

Answer ALL questions.

1. What do you mean by sampling error?
2. Enumerate different types of sources in review of related literature.
3. What is the importance of hypothesis in a research study?
4. Distinguish between population and sample.
5. What is degree of freedom?
6. Define Mean.
7. What is Case Study?
8. What is experimental design?
9. What is differential analysis?
10. What is research report?

PART B — (5 × 5 = 25 marks)

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

11. (a) Write the scope of review of related literature.

Or

- (b) What is variable in research? Distinguish between dependent and independent variables.

12. (a) Distinguish between Null hypothesis and Alternative hypothesis.

Or

- (b) What are the characteristics of a good sample?

13. (a) Write about parametric test in social science research.

Or

- (b) Distinguish between interview and schedule.

14. (a) Write about Historical Research in detail.

Or

- (b) Discuss quasi-experimental design.

15. (a) Explain different APA formats with examples.

Or

- (b) Write the steps involved in research report.

PART C — ($3 \times 10 = 30$ marks)

Answer any THREE questions.

16. Discuss the objectives, need and process of the review in research.
 17. What is a sample? Discuss the various probability sampling techniques.
 18. Give the meaning of term reliability and validity of a research tool. Explain the methods of establishing the reliability of a research tool.
 19. Prepare a research proposal for a topic of your own choice.
 20. Explain one-tailed and two tailed tests.
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D-4460

Sub. Code

34824

DISTANCE EDUCATION

M.A. (Education) DEGREE EXAMINATION, MAY 2024.

Second Semester

PRINCIPLES OF EDUCATIONAL MANAGEMENT

(CBCS 2018 – 2019 Academic Year Onwards)

Time : Three hours

Maximum : 75 marks

PART A — (10 × 2 = 20 marks)

Answer ALL questions.

1. What do you mean by educational planning?
2. Write short note on organization.
3. Define Motivation.
4. What is Planning Programming Budgeting System (PPBS)?
5. Write the concept of planning for change.
6. What is evaluation?
7. Write short note on the objectives of planned change process.
8. Definition of Total Quality Management (TQM).
9. What do you mean by Management by Objectives (MBO)?
10. Write short note on conflict management.

PART B — (5 × 5 = 25 marks)

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

11. (a) Write the difference between educational administration and educational management.

Or

- (b) What are the steps in educational planning process?

12. (a) Explain the concept of strategic alliances.

Or

- (b) Write the qualities of successful educational leader.

13. (a) Describe the development of management thought in educational organizations.

Or

- (b) Explain the financial resources in educational management.

14. (a) Describe the concept of programme evaluation and review technique (PERT).

Or

- (b) Discuss the diffusion of knowledge in educational management.

15. (a) Write the types of educational communication.

Or

- (b) Discuss the techniques of educational management control.

PART C — (3 × 10 = 30 marks)

Answer any THREE questions.

16. Explain the principles of effective communication in educational management.
 17. Describe the concept, forms and process of budgeting in educational management.
 18. Explain the techniques of motivating the employees of educational institutions.
 19. Describe the organization for educational administration in central and state government bodies.
 20. Explain the theory of educational managements.
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D-4461

Sub. Code

34831

DISTANCE EDUCATION

M.A. (Education) DEGREE EXAMINATION, MAY 2024.

Third Semester

GUIDANCE AND COUNSELING

(CBCS 2018 – 2019 Academic Year Onwards)

Time : Three hours

Maximum : 75 marks

PART A — (10 × 2 = 20 marks)

Answer ALL the questions.

1. Define Interest.
2. List out the few learning principles.
3. Point out the elective counseling.
4. What is follow-up-service?
5. State the advantage of rating scale testing.
6. What is Values?
7. List out the merits of observation method.
8. Point out the few importance of group guidance
9. Define Vocational guidance.
10. What is solution oriented counseling?

PART B — (5 × 5 = 25 marks)

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

11. (a) Briefly explain about the scope of guidance.

Or

- (b) Give a short note on Career guidance.

12. (a) Describe about profile of a competent guide.

Or

- (b) Differentiate between Educational Placement and Vocational Placement.

13. (a) Briefly explain about qualities of good counselor.

Or

- (b) Give a short note on Individual information service.

14. (a) Describe about Problem exploration and clarification.

Or

- (b) Point out the foundation of guidance in relation to sociological approach.

15. (a) Briefly explain about Directive counseling.

Or

- (b) Write a short note on Portrait of a helper.

PART C — (3 × 10 = 30 marks)

Answer any THREE questions.

16. Explain in detail about foundations of guidance and counseling.
 17. Qualities of counselor is need for good counseling — Discuss.
 18. Describe about important elements of counseling.
 19. Enumerate about different approaches in counseling
 20. Explain the following :
 - (a) Self-actualization
 - (b) Self-esteem
 - (c) Concerns of self
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D-4462

Sub. Code

34832

DISTANCE EDUCATION

M.A. (Education) DEGREE EXAMINATION, MAY 2024.

Third Semester

QUALITY ISSUES IN EDUCATION

(CBCS 2018 – 2019 Academic Year Onwards)

Time : Three hours

Maximum : 75 marks

PART A — (10 × 2 = 20 marks)

Answer ALL the questions.

1. Define Quality control.
2. List out the four factors influencing quality in education.
3. Point out the performance indicators in higher education.
4. What is Benchmarking in higher education?
5. State the advantage of Quality Assessment.
6. What is NAAC?
7. List out the need of Academic Audit.
8. Point out any four strategies for matching global standards.
9. Define Statutory Bodies.
10. What is output analysis?

PART B — (5 × 5 = 25 marks)

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

11. (a) Briefly explain about quality assessment in higher education.

Or

- (b) Give a short note on Performance indicators.

12. (a) Describe about National Board of Accreditation (NBA).

Or

- (b) Differentiate between Accreditation and Academic Audit.

13. (a) Briefly explain about certification for educational institutions.

Or

- (b) Give a short note on industry academic partnership.

14. (a) Describe about NCERT.

Or

- (b) Point out the importance of ISO 9000 Certification.

15. (a) Briefly explain about international practices of accreditation.

Or

- (b) Write a short note on concept of Total Quality Management (TQM).

PART C — (3 × 10 = 30 marks)

Answer any THREE questions.

16. Explain in detail about quality related issues in higher education institutions.
 17. Accreditation and Assessment are needed for higher education institutions — Discuss.
 18. Describe about various performance indicators of NAAC.
 19. Enumerate about role of statutory bodies for quality improvement in higher education.
 20. Explain the functions and contributions of NIEPA.
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Sub. Code

34833

DISTANCE EDUCATION

M.A. (Education) DEGREE EXAMINATION, MAY 2024.

Third Semester

VALUE EDUCATION

(CBCS 2018 – 2019 Academic Year Onwards)

Time : Three hours

Maximum : 75 marks

PART A — (10 × 2 = 20 marks)

Answer ALL the questions.

1. Define — Value education.
2. List out any four social values.
3. Point out the few importance of value education in the curriculum.
4. What is Moral development?
5. State the few importance recommendations of NCF (2005).
6. What is Mass media?
7. List out the need of moral development of child.
8. Point out the any four moral development approaches.
9. Define — Story telling
10. What is domains of values?

PART B — (5 × 5 = 25 marks)

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

11. (a) Briefly explain about the scope of value education.

Or

- (b) Give a short note on Indian Education Commission (1946).

12. (a) Describe about conscience factors for moral development.

Or

- (b) Differentiate between personal and social values.

13. (a) Briefly explain about role of mass media in fostering values.

Or

- (b) Give a short note on quantitative approaches in value education.

14. (a) Describe about Jean Piaget stages of moral development.

Or

- (b) State the importance of conventional methods in promoting value education.

15. (a) Briefly explain about the relevance of values in education.

Or

- (b) Write a short note on different types of values.

PART C — (3 × 10 = 30 marks)

Answer any THREE questions.

16. Explain in detail about value classification model.
 17. Moral development is needed for today young generation — Discuss.
 18. Describe about psychological and sociological bases in value education.
 19. Enumerate about importance of measurement in values and morals.
 20. Explain the theories of values and moral development.
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D-4464

Sub. Code

34834

DISTANCE EDUCATION

M.A. (Education) DEGREE EXAMINATION, MAY 2024.

Third Semester

COMPARATIVE EDUCATION

(CBCS 2018 – 2019 Academic Year Onwards)

Time : Three hours

Maximum : 75 marks

PART A — (10 × 2 = 20 marks)

Answer ALL the questions.

1. What is comparative education?
2. Write short note on SAARC.
3. List out any four problems of illiteracy.
4. What are the factors of comparative education?
5. Define – Secondary education.
6. Write short note on unemployment.
7. What is UEE?
8. Write short note on Globalization.
9. Define – Political instability.
10. What are the various types of teacher education in India?

PART B — (5 × 5 = 25 marks)

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

11. (a) Describe the education for Economic development.

Or

- (b) Explain the major concepts of comparative education.

12. (a) Describe the systems of Education in India.

Or

- (b) Discuss the education for environmental protection.

13. (a) Explain the equalization of educational opportunities.

Or

- (b) Describe the UNO and their educational activities.

14. (a) Discuss the educational systems of UK.

Or

- (b) Describe the population explosion.

15. (a) Explain the universalization of elementary education.

Or

- (b) Describe the factors determining the educational systems of a country.

PART C — (3 × 10 = 30 marks)

Answer any THREE questions.

16. Explain the scope and methods of comparative education.
 17. Describe the education programmes of UNESCO.
 18. Discuss the National and Global Level role of UNO.
 19. Elucidate the problems prevailing in developing countries with special reference to India.
 20. Enumerate the reasons for illiteracy in India.
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D-4465

Sub. Code

34841

DISTANCE EDUCATION

M.A. (Education) DEGREE EXAMINATION, MAY 2024.

Fourth Semester

SPECIAL EDUCATION

(CBCS 2018 – 2019 Academic Year Onwards)

Time : Three hours

Maximum : 75 marks

PART A — (10 × 2 = 20 marks)

Answer ALL the questions.

1. What is Special Education?
2. What is Learning Disability?
3. What is Inclusive Education?
4. State the constitutional provisions for special education.
5. What is hearing impaired?
6. What is Curriculum?
7. What do you mean by Evaluation?
8. What is Dyslexic?
9. What do you mean by gifted and creative children?
10. State the characteristics of drug addicted children.

PART B — (5 × 5 = 25 marks)

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

11. (a) Explain the characteristics of slow learners.

Or

- (b) Describe the scope of special education.

12. (a) State the issues of special education.

Or

- (b) State the government policies for special education.

13. (a) Explain the role of Rehabilitation Council of India.

Or

- (b) State the reasons for hearing impaired.

14. (a) Describe the educational needs of students with learning disability.

Or

- (b) Describe the curriculum for disabled children.

15. (a) Explain the fostering activities and programmes for creativity.

Or

- (b) Explain the psychology of teaching and learning of the gifted and creative.

PART C — (3 × 10 = 30 marks)

Answer any THREE questions.

16. Describe the historical perspective of special education in India.
 17. Summarize the recommendations of various committees and commissions regarding special education.
 18. Describe the evaluation methods for disabled learners.
 19. Explain the etiology of various types of disabilities.
 20. Describe the preventive measures for different types of problem children.
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34842

DISTANCE EDUCATION

M.A. (Education) DEGREE EXAMINATION, MAY 2024.

Fourth Semester

TEACHER EDUCATION

(CBCS 2018 – 2019 Academic Year Onwards)

Time : Three hours

Maximum : 75 marks

PART A — (10 × 2 = 20 marks)

Answer ALL the questions.

1. Why teacher education is important?
2. What is seminar?
3. List the uses of Workshop.
4. Expand NCTE.
5. Define in-service teachers.
6. What is SCERT?
7. Write short note on Organizational behaviour.
8. Define Cognitive domain.
9. What is research?
10. Define community.

PART B — (5 × 5 = 25 marks)

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

11. (a) State the scope of teacher education.

Or

- (b) Write about the development of teacher education in Post-Independence period.

12. (a) Discuss the current status of teacher education.

Or

- (b) Write the merits of Group Discussion Technique.

13. (a) State the levels and types of teacher education courses.

Or

- (b) Write short note on NCERT.

14. (a) Write about concept attainment model.

Or

- (b) How accountability of teachers is established?

15. (a) How school acts as a social system?

Or

- (b) Write short notes on evaluation of teacher effectiveness.

PART C — (3 × 10 = 30 marks)

Answer any THREE questions.

16. Elaborate on the development of teacher education in India from ancient, medieval and Buddhist period.
 17. Explain in detail the agencies of teacher education.
 18. Elaborate on the qualities of a good teacher.
 19. Explain the current problems in teacher education.
 20. Explain the recent research in the area of Teacher Education.
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D-4467

Sub. Code

34843

DISTANCE EDUCATION

M.A. (Education) DEGREE EXAMINATION, MAY 2024.

Fourth Semester

ICT IN EDUCATION

(CBCS 2018 – 2019 Academic Year Onwards)

Time : Three hours

Maximum : 75 marks

PART A — (10 × 2 = 20 marks)

Answer ALL the questions.

1. What is educational technology?
2. Expand ICT.
3. List the uses of MS Excel.
4. What is INSAT?
5. Define Pedagogy.
6. What is CCTV?
7. Name any three Search engines.
8. Define simulated teaching.
9. What is E-Learning?
10. Write the uses of Whatsapp.

PART B — (5 × 5 = 25 marks)

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

11. (a) Write about the different types of computer.

Or

- (b) Write about the merits of CAI.

12. (a) Discuss the role of IGNOU and NOS.

Or

- (b) How effective classroom communication be done?

13. (a) State the difference between ICT and ET.

Or

- (b) Write the uses of internet and WWW in teaching and learning.

14. (a) Write the importance of learner analysis and classroom analysis.

Or

- (b) How blogging is used in teaching?

15. (a) Write about the uses of Facebook and Whatsapp.

Or

- (b) Write short note on ethical issues in educational technology.

PART C — (3 × 10 = 30 marks)

Answer any THREE questions.

16. Explain the application of computer in the field of education and evaluation.
 17. Elaborate the resource centres for education technology.
 18. Elaborate on the principles and techniques of Andragogy.
 19. Explain the application of ICT for professional development of teachers.
 20. Explain Digital storytelling in detail.
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