

ADVANCED RESEARCH METHODOLOGY

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Time : Three hours

Maximum : 100 marks

Answer any FIVE of the following questions each in about 750 words.

1. Describe the kinds of hypothesis for different types of research in education.
2. Define the various sampling procedures followed in educational research.
3. What is non-parametric data? Elaborate the application of Chi-square test in educational research.
4. What is Action Research? Design an action research programme for IX standard pupils learning retention problems.
5. What is content analysis? Illuminate its purposes and procedures.
6. Discuss the role of computers in educational research.

7. What is correlation? Explain the Pearson product moment coefficient (r).
  8. Elucidate the different techniques of data collection in educational research.
  9. What is Research Design? Design a research study for the title "Influence of bio familial variables in the Achievement of Higher secondary students"
  10. What is meant by 'Research'? "Historical research is helpful in understanding the past and the present and to a limited extent anticipating the future". Discuss.
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EXTENSION EDUCATION

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Time : Three hours

Maximum : 100 marks

Answer any FIVE of the following questions in about  
750 words each.

All questions carry equal marks.

(5 × 20 = 100)

1. Explain the development of the concept of extension education in India.
2. Explain in detail the indigenous methods of extension education.
3. Discuss the role and functions of various agencies that give training to the extension workers.
4. Explain the different types of communication. Suggest some measures to improve over communication.
5. Describe the role of traditional and modern media in extension education.

6. The ultimate objective of extension education is to promote awareness among the public about health, economics, politics and health comment.
7. Elaborate the important aspects of non formal and adult education.
8. Explain the salient features of mass contact methods and differentiate mass contact methods from individual methods.
9. Explain the role of extension education in today's context.
10. What do you mean by "Adoption Process"? How could an extension worker adopt himself to the various innovations of education?

EDUCATIONAL TECHNOLOGY

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Time: Three hours

maximum: 100 marks

Attempt any FIVE of the following essay items each in about 750 words.

All questions carry equal marks.

(5 × 20 = 100)

1. Discuss in detail the modern principles of communication and their relevance in classroom communication.
2. Explain educational technology in terms of its concept, meaning, kinds, need and approaches.
3. Explain in detail the taxonomy of instructional objectives.
4. Explain the types and classification of AV aids and their relative effectiveness.
5. Discuss in detail the systems approach to education.
6. Explain the educational values of E TV, CC TV, Interactive video and intelligent tutoring system.

7. Explain the role of mass media and computers in distance education.
  8. Discuss the psychological principles of PSI.
  9. Explain in detail Keller plan and modular scheduling.
  10. Explain the characteristics and uses of computers in education.
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