

3 (Sem-4) EDN M 1

Bijni College Library  
P.O.-Bijni, Dist.-Chirang  
(B.T.A.D) Assam

2 0 1 3

EDUCATION

( Major )

Paper : 4.1

( Educational Technology )

Full Marks : 80

Time : 3 hours

*The figures in the margin indicate full marks  
for the questions*

1. (a) Answer the following questions :  $1 \times 5 = 5$
- (i) Mention a major objective of educational technology.
  - (ii) What are the two most important components which are related with the process of teaching?
  - (iii) What are the two major types of classroom communication?
  - (iv) Give an advantage of 'tele-conferencing'.
  - (v) Write the full form of INSAT.

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(b) Complete the following sentences by using appropriate words :  $1 \times 5 = 5$

- (i) There are — major approaches to educational technology.
- (ii) Branching programming was developed by —.
- (iii) — is the text that connects to order documents.
- (iv) In 1990, the Internet of India was established as —.
- (v) The — may be termed as a library that holds a collection of resources in electronic format.

2. Answer the following questions :  $2 \times 5 = 10$

- (a) Mention two merits of programmed instruction.
- (b) Write a brief note on 'team teaching'.
- (c) Mention two advantages of systems approach.
- (d) Write two limitations of 'electronic media'.
- (e) What do you understand by 'e-learning'?

3. Write notes on any *four* of the following :

5×4=20

- (a) Importance of educational technology in conventional mode of education
- (b) Objectives of microteaching
- (c) Difference between Programmed learning and Programmed instruction
- (d) Components of classroom communication
- (e) Characteristics of good teaching aids
- (f) Advantages and disadvantages of Internet

4. Answer any *four* from the following : 10×4=40

- (a) Explain the concept of educational technology. Discuss its scope. 4+6=10
- (b) Explain the term 'educational technology'. Highlight the role of educational technology in distance education. 4+6=10
- (c) Explain the concept of microteaching. Discuss the major steps in micro-teaching. 4+6=10

- (d) Explain instructional technology. Distinguish between Educational technology and Instructional technology. 4+6=10
- (e) Discuss the barriers of classroom communication. Describe the ways to ensure effective classroom communication. 5+5=10
- (f) What is meant by Computer Assisted Instruction (CAI)? Discuss its advantages and disadvantages. 4+6=10
- (g) Explain the term 'systems approach'. Describe the steps involved in the procedure of systems approach. 4+6=10
- (h) Describe the Hardware and Software approaches to education and their contribution towards effective teaching-learning process. 10

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