

**63/1 (SEM-4) EDN HC 4086 (CC 8)**

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**EDUCATION**

Paper : CC-8

**( Educational Technology )**

*Full Marks : 80*

*Time : 3 hours*

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

1. Choose the correct answer from the following : 1×6=6

(a) "Educational technology is the application of scientific knowledge about learning in practical learning situations." This statement was made by

- (i) J. Bloomer
- (ii) Robert A. Cox
- (iii) Hadden E. H.
- (iv) John P. De Cecco

(b) "Micro-teaching is a scaled down teaching encounter in class, size and time." Who said this?

- (i) Allen and Eve

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- (ii) D. W. Allen
  - (iii) Clift and others
  - (iv) David B. Young
- (c) Behavioural technology is also called as
- (i) teaching technology
  - (ii) communication technology
  - (iii) training technology
  - (iv) instructional technology
- (d) The originator of the concept of mathematics programming is
- (i) Skinner
  - (ii) Thomas P. Gilbert
  - (iii) Kamowski
  - (iv) Bloom
- (e) The second phase of teaching is
- (i) post-active phase
  - (ii) pre-active phase
  - (iii) interactive phase
  - (iv) None of the above

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- (f) Linear programming is directly related with the theory of
    - (i) classical conditioning
    - (ii) operant conditioning
    - (iii) cognitive theory
    - (iv) social learning theory
2. Answer the following questions briefly :  $2 \times 5 = 10$
- (a) Write two objectives of educational technology.
  - (b) What is interactive phase of teaching?
  - (c) Write two objectives of personalized system of instruction.
  - (d) What is simulation?
  - (e) State two advantages of micro-teaching.
3. Answer any six of the following questions in short :  $5 \times 6 = 30$
- (a) Write about non-verbal communication.
  - (b) Write the principles of using teaching aids.
  - (c) Mention five advantages of using multimedia in education.
  - (d) Write about the role of computer in modern education.
  - (e) Write about the uses of flow diagram.

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- (f) Mention any five advantages of team teaching.
- (g) What is teaching technology?
- (h) Write the nature of behavioural technology.
- (i) Write the scope of educational technology.

4. Answer any *two* of the following questions :

10×2=20

- (a) What is educational technology? What are the different types of educational technology? 4+6=10
- (b) Enumerate the barriers of classroom communication. How can these barriers be removed? Give suggestions. 5+5=10
- (c) What is internet? Critically analyze the contribution of internet in the overall improvement of higher education. 3+7=10

5. Answer any *one* of the following questions : 14

- (a) Explain the concept of systems approach. Describe the procedural steps involved in the systems approach in educational technology. 5+9=14
- (b) What is micro-teaching? How is it different from traditional teaching? Write the different phases of micro-teaching. 3+5+6=14

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