

Total number of printed pages-7

63/1 (Sem-4) CC8/EDNHC4086

2024

EDUCATION

Paper : EDNHC4086

(Educational Technology)

Full Marks : 80

Pass Marks : 32

Time : Three hours

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

1. Choose the correct answer from the following
(any six): 1×6=6

(a) "Educational technology is any technology, which increases the rate of learning, would enable the teacher to teach less and the learner to learn more." This statement was made by

- (i) Garrison
- (ii) Ashby
- (iii) Allen
- (iv) J. Bloomer

Contd.

- (b) The word 'communication' has been derived from which language?
- (i) Latin
 - (ii) Greek
 - (iii) French
 - (iv) German
- (c) Who is called the 'Grandfather' of computer?
- (i) Dennis Ritchie
 - (ii) James Gosling
 - (iii) Charles Babbage
 - (iv) Allen Turing
- (d) What is the full form of 'CAI'?
- (i) Computer aided instruction
 - (ii) Computer assisted instruction
 - (iii) Communication and instruction
 - (iv) Communication and information

- (e) Behavioural technology is also called
- (i) Instructional technology
 - (ii) Training technology
 - (iii) Learning technology
 - (iv) Computer technology
- (f) Team teaching is working together
- (i) Two or more teachers
 - (ii) Two or more students
 - (iii) Teachers and students
 - (iv) None of the above
- (g) The purpose of microteaching is
- (i) To develop the capacity of the students
 - (ii) To develop the teaching skills in teachers
 - (iii) To develop students' feedback skills
 - (iv) None of the above

- (h) Television is
- (i) Visual aid
 - (ii) Audio-visual aid
 - (iii) Audio aid
 - (iv) None of the above
- (i) Which of the following is an approach in educational technology?
- (i) Reflective approach
 - (ii) Constructive approach
 - (iii) System approach
 - (iv) Discovery approach
- (j) Who is the founder of mathematics programming?
- (i) Skinner
 - (ii) Thomas E. Gilbert

(iii) Pavlov

(iv) J. B. Watson

2. Answer the following questions (**any five**) :
2×5=10

- (a) Define educational technology.
- (b) Mention *any two* types of communication.
- (c) What is teaching technology?
- (d) What is microteaching?
- (e) Mention *any two* types of programmed instruction.
- (f) What is system approach in educational technology?
- (g) Mention *any two* characteristics of team teaching.

3. Answer the following questions (**any six**) :
5×6=30

- (a) What are the purposes of communication?
- (b) Discuss about the nature of educational technology.
- (c) Mention the different phases of microteaching.
- (d) What are the importances of teaching aids?

- (e) Write a short note on importance of internet in education.
- (f) Mention the objectives of educational technology.
- (g) Write a short note on multimedia in education.
- (h) What are the different types of educational technology?
- (i) Explain the nature of programmed instruction.
- (j) Write the merits of microteaching.

4. Answer the following questions (**any two**) :
10×2=20

- (a) Explain the objectives of educational technology.
- (b) Mention the principles of selection and uses of teaching aids. 5+5=10
- (c) Explain the nature of teaching technology.
- (d) Explain the nature of behavioural technology.

5. Answer the following questions (**any one**) :
14

- (a) What are the barriers of classroom communication? Suggest some measures to overcome these barriers.
8+6=14
- (b) Discuss the importance and needs of educational technology.
- (c) Write the procedural steps in system approach in educational technology.