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(CBCS)

(5th Semester)

EDUCATION

EIGHTH (A) PAPER

(Educational Technology)

Full Marks : 75

Time : 3 hours

(PART : A—OBJECTIVE)

(*Marks* : 25)

The figures in the margin indicate full marks for the questions

SECTION—A

(*Marks* : 10)

Tick (✔) the correct answer in the brackets provided :   1×10=10

1. Educational technology is

   (a) a synonym to programmed learning   (   )

   (b) the use of audiovisual aids in education   (   )

   (c) the use of electronic media in education   (   )

   (d) the application of scientific principles to education   (   )

2. The use of projectors, radio, television, computers may come under the

   (a) software approach   (   )

   (b) system approach   (   )

   (c) hardware approach   (   )

   (d) heuristic approach   (   )

3. Communication has two dimensions known as

(a) oral and written ( )

(b) content and words ( )

(c) positive and negative feedbacks ( )

(d) the sender of the message and the receiver ( )

4. Communication means

(a) imparting lesson to others ( )

(b) getting across ideas to others ( )

(c) sending message to others ( )

(d) listening to others ( )

5. Psychomotor objectives focus on the development of

(a) skills ( )

(b) attitude ( )

(c) knowledge ( )

(d) evaluation ( )

6. Instructional system design is similar to

(a) lesson planning ( )

(b) career planning ( )

(c) manpower planning ( )

(d) educational planning ( )

7. In programmed learning, the learner progresses

(a) at the instructor's pace ( )

(b) along with others ( )

(c) at his own pace ( )

(d) at a very high speed ( )

8. Which of the following statements is true about programmed learning?

(a) It is a method of individualised instruction ( )

(b) It provides immediate knowledge of results ( )

(c) The learner moves at his own pace ( )

(d) All of the above ( )

9. The Personalised System of Instruction (PSI) was first introduced by
(a) Fred S. Keller ( )
(b) Ned S. Flander ( )
(c) Benjamin Bloom ( )
(d) None of them ( )

10. Distance education comes under the category of
(a) formal education ( )
(b) informal education ( )
(c) new pattern of education ( )
(d) non-formal education ( )

SECTION—B

(*Marks* : 15)

Write briefly on the following : 3×5=15

1. Types of educational technology

OR

Steps followed in system approach to educational technology

2. Meaning of communication

OR

Non-verbal communication

3. Cognitive domain

OR

Development of human resources in education

4. Concept of programmed learning

OR

Linear programming

5. Concept of simulated teaching

OR

Meaning of distance teaching

(PART : B—DESCRIPTIVE)

(*Marks* : 50)

The figures in the margin indicate full marks for the questions

1. What is educational technology? Explain its scope. 3+7=10

OR

Discuss the software and hardware approaches to educational technology.
5+5=10

2. What are the characteristics of communication? Explain the types of communication. 3+7=10

OR

Discuss the various factors affecting classroom communication. 10

3. Discuss the psychomotor domain of Bloom's taxonomy of educational objectives. Illustrate your answer with relevant examples. 7+3=10

OR

What is instructional system designing? Discuss its components. 3+7=10

4. Discuss the principles of programmed learning. 10

OR

What is branching programming? Discuss its steps. 3+7=10

5. Explain the concept and nature of Personalised System of Instruction (PSI).
4+6=10

OR

What is a computer-assisted instruction? Discuss its limitations for the instructional process. 3+7=10

★ ★ ★