2 0 2 4

(6th Semester)

EDUCATION

Paper : Edn–601

(Educational Technology)

Full Marks : 70   *Pass Marks* : 45%

Time : 3 hours

(PART : B—DESCRIPTIVE)

(*Marks* : 45)

The figures in the margin indicate full marks
for the questions

1. Define the term educational technology. Explain its nature. ·   3+6=9

Or

Discuss the hardware and software approach to educational technology and suggest some measures for using them effectively in the classroom environment.   4+5=9

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2. Define communication and explain the process of communication cycle. 3+6=9

Or

Elaborate on the importance of mass media approach in educational technology. 9

3. "System approach has a wide applicability in education." Discuss this statement. 9

Or

What do you understand by instructional systems designing? Explain the use of instructional system designing in education. 2+7=9

4. Define the term 'programmed learning'. Compare between linear programming and branching programming. 2+7=9

Or

Explain team teaching. Bring out the advantages and disadvantages of team teaching. 3+6=9

5. Define simulated teaching. Discuss the use of simulation as a technique in teaching. 3+6=9

Or

Write the concept of ICT (Information Communication Technology). Discuss its importance in the field of education. 2+7=9

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2 0 2 4

(6th Semester)

EDUCATION

Paper : Edn–601

(Educational Technology)

(PART : A—OBJECTIVE)

(*Marks* : 25)

The figures in the margin indicate full marks for the questions

SECTION—I

(*Marks* : 10)

A. Put a Tick (✓) mark against the correct answer in the brackets provided :   1×10=10

1. Who said, "Educational technology is the application of scientific process to men's learning conditions"?

    (a) Thorndike   (   )

    (b) Skinner   (   )

    (c) Robert A. Cox   (   )

    (d) S. S. Kulkarni   (   )

2. Communication is derived from

   (a) Greek word   (   )

   (b) Latin word   (   )

   (c) German word   (   )

   (d) Persian word   (   )

3. Which of the following arrangements is correct?

   (a) Sender, Encoding, Message, Channel, Receiver   (   )

   (b) Sender, Message, Encoding, Channel, Receiver   (   )

   (c) Sender, Receiver, Channel, Message, Encoding   (   )

   (d) Sender, Encoding, Message, Receiver, Channel   (   )

4. Who defined 'system' as interrelated and interdependent elements?

   (a) Herbert   (   )

   (b) R. L. Ackoff   (   )

   (c) Edward   (   )

   (d) Robert Davis   (   )

5. Team teaching is also known as

   (a) collaborative teaching   (   )

   (b) special teaching   (   )

   (c) group teaching   (   )

   (d) single teaching   (   )

6. _____ is a scaled down teaching encounter.

(a) Macro teaching   (   )

(b) Micro teaching   (   )

(c) Team teaching   (   )

(d) None of the above   (   )

7. There are _____ major steps involved in a systems approach.

(a) Three   (   )

(b) Four   (   )

(c) Two   (   )

(d) Six   (   )

8. The linear programming was propagated by

(a) B. F. Skinner   (   )

(b) E. L. Thorndike   (   )

(c) Norman   (   )

(d) Gilbert   (   )

9. Role playing is developed by using

(a) micro teaching   (   )

(b) simulated teaching   (   )

(c) interaction analysis   (   )

(d) group teaching   (   )

10. Which one is the full form of CAI in education?

(a) Computer Area Instruction   (   )

(b) Computer Assisted Instruction   (   )

(c) Computer Accumulated Instruction   (   )

(d) None of the above   (   )

SECTION—II

(*Marks* : 5)

B. State whether the following statements are *True* or *False* by putting a Tick (✓) mark : 1×5=5

1. Educational technology helps to identify the available teaching-learning material and resources.

(*True* / *False*)

2. Software approach owes its origin to the behavioural science.

(*True* / *False*)

3. Communication is a bipolar process.

(*True* / *False*)

4. Programmed learning is not highly individualised.

(*True* / *False*)

5. Simulated teaching is also called as simulated social skill training.

(*True* / *False*)

SECTION—III

(*Marks* : 10)

C. Write short notes on the following : 2×5=

1. Functions of educational technology

2. Components of communication process

B. State whether the following statements are True or False by putting a tick (✓) on the following. 2×5=10

1. Educational technology makes the best available teaching-learning material and resources.

(True / False)

2. Software approach owes its origin to the behavioural science.

(True / False)

3. Communication is a bipolar process.

(True / False)

4. Programmed learning is not highly individualised.

(True / False)

5. Simulated teaching is also called as simulated social skill training.

(True / False)

3. Instructional system

4. Limitation of systems approach

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4. Limitation of systems approach

5. PSI

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