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(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

24L/619a

(Turn Over)

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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(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 : $2 \times 5 = 10$

1. Functions of educational technology

2. Components of communication process

3. Instructional system

(10)

4. Limitation of systems approach

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5. PSI

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