

2025

(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. (a) Discuss the hardware and software approach to educational technology.

4½+4½=9

Or

- (b) Highlight the nature and scope of educational technology.

4+5=9

(2)

2. (a) What do you mean by classroom communication? Discuss the components of communication. 3+6=9

Or

- (b) Discuss the significance of mass media approach in educational technology. 9

3. (a) What is instructional system designing? Elaborate the steps involved in instructional system designing. 3+6=9

Or

- (b) Define system analysis. Highlight the major characteristics of system analysis. 3+6=9

4. (a) Explain the origin and concept of programme learning. Discuss linear programming in detail. 2+7=9

Or

- (b) What is team teaching? Bring out the characteristics and advantages of team teaching. 3+6=9

(3)

5. (a) What is personalized system of instruction? Mention the advantages and disadvantages of personalized system of instruction. 2+7=9

Or

- (b) Discuss the uses of information communication technology (ICT) in distance education. 9

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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. The main aspect of Educational Technology is

(a) output ()

(b) input ()

(c) process ()

(d) All of the above . ()

2. _____ is the application of physical science in education and teaching.

- (a) Hardware approach ()
- (b) Software approach ()
- (c) System approach ()
- (d) Personalized System of Instruction ()

3. The word 'Techne' originates from

- (a) Latin ()
- (b) Greek ()
- (c) French ()
- (d) Russian ()

4. Encoding is the process by which the messages are interpreted by

- (a) sender ()
- (b) receiver ()
- (c) manager ()
- (d) channel ()

5. Which is a type of classroom communication?

- (a) Verbal communication ()
- (b) Non-verbal communication ()
- (c) Written communication ()
- (d) All of the above ()

6. The entire system as a is called the system approach.

- (a) unit ()
- (b) parts ()
- (c) whole ()
- (d) bits ()

7. Personalized System of Instruction (PSI) is also known as

- (a) Skinner plan ()
- (b) Keller plan ()
- (c) Branching plan ()
- (d) Programmed instruction ()

8. Who defined programmed learning as a systematic, step-by-step, self-instructional programme?

- (a) G. O. M. Leith ()
- (b) Jacob ()
- (c) Edgar Dale ()
- (d) Susan Marks ()

9. Branching programming was developed by

- (a) B. F. Skinner ()
- (b) Norman A. Crowder ()
- (c) J. B. Watson ()
- (d) L. A. Davis ()

10. There are _____ major phases in micro-teaching.

- (a) two ()
- (b) three ()
- (c) four ()
- (d) five ()

SECTION—II

(Marks : 5)

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

1. Output is the main aspect of educational technology.

(T / F)

2. The word communication originates from Latin word.

(T / F)

3. In the process of communication, encoding means deciphering a message.

(T / F)

4. B. F. Skinner is the originator of Computer Assisted Instruction.

(T / F)

5. Programmed learning is rigid in nature.

(T / F)

(5)

SECTION—III

(Marks : 10)

C. Write short notes on the following :

2×5=10

1. Uses of educational technology

2. Concept of communication

(a) two (Marks: 10)

Write short notes on the following: (b) three

(c) four

(d) five

I. Uses of educational technology

SECTION—II

(Marks : 5)

B. State whether the following statements are True (T) or False (F) by putting a Tick (✓) mark :

1. Output is the main aspect of educational technology.

(T / F)

2. The word communication originates from Latin word.

(T / F)

3. In the process of communication, encoding means deciphering a message.

(T / F)

4. B. F. Skinner is the originator of Computer Assisted Instruction.

(T / F)

5. Programmed learning is rigid in nature.

(T / F)

3. Computer Assisted Instruction

(8)

4. Branching programming

(9)

5. Distance education
