

2024

(FYUGP)

(4th Semester)

EDUCATION

(Minor)

Paper Code : EDN M-4

(Educational Technology—II)

Full Marks : 75

Pass Marks : 40%

Time : 3 hours

(PART : B—DESCRIPTIVE)

(Marks : 50)

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

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

5+5=10

Or

- (b) State the characteristics and scope of educational technology.

5+5=10

2. (a) What do you mean by classroom communication? Explain the components of communication. 4+6=10

Or

- (b) Explain in detail the mass-media approach in educational technology. 10

3. (a) What do you understand by instructional system designing? Discuss the steps involved in instructional system designing. 4+6=10

Or

- (b) Define system analysis. Explain various characteristics of system analysis. 4+6=10

4. (a) Explain the origin and meaning of programme learning. Mention any one style of programming. 4+2+4=10

Or

- (b) Discuss micro- and macro-teaching. 5+5=10

5. (a) What is computer? Discuss the importance of ICT in the field of education. 2+8=10

Or

- (b) Explain the concept of personalized system of instruction. Mention the advantages of personalized system of instruction. 4+6=10

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EDUCATION

(Minor)

Paper Code : EDN M-4

(Educational Technology—II)

(PART : A—OBJECTIVE)

(Marks : 25)

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SECTION—I

(Marks : 15)

1. Put a Tick (✓) mark against the correct answer in the brackets provided : 1×15=15

(a) The main aspect of educational technology is

(i) output ()

(ii) input ()

(iii) process ()

(iv) All of the above ()

(b) Software approach refers to the application of teaching-learning principles to the direct and deliberately shaping of

(i) behaviour ()

(ii) dignity ()

(iii) personality ()

(iv) morality ()

(c) The use of educational technology in education is to make teaching-learning efficient and

(i) child-centered ()

(ii) content-centered ()

(iii) teacher-centered ()

(iv) objective-centered ()

(d) The word 'communication' originates from

(i) Latin word ()

(ii) French word ()

(iii) Greek word ()

(iv) German word ()

(e) Decoding is the process by which the messages are interpreted by

- (i) manager ()
- (ii) receiver ()
- (iii) sender ()
- (iv) giver ()

(f) In the process of communication, 'encoding' means

- (i) using symbol to express an idea ()
- (ii) deciphering a message ()
- (iii) creating noise in the communication ()
- (iv) interpreting the meaning of message ()

(g) Which of the following is an approach of technology for education?

- (i) Reflective approach ()
- (ii) Constructive approach ()
- (iii) Discovery approach ()
- (iv) System approach ()

(h) Which of the following is **not** a component of system approach?

- (i) Feedback ()
- (ii) Web Network ()
- (iii) Input ()
- (iv) Process ()

(i) Which of the following is a non-verbal communication?

- (i) Oral communication ()
- (ii) Written communication ()
- (iii) Audio-Visual communication ()
- (iv) All of the above ()

(j) B. F. Skinner is the originator of

- (i) branching programming ()
- (ii) linear programming ()
- (iii) Mathetics programming ()
- (iv) computer-assisted instruction ()

(k) System approach is concerned with the systematic

- (i) planning ()
- (ii) designing ()
- (iii) construction ()
- (iv) All of the above ()

(l) Team teaching requires

(i) Egoistic teachers ()

(ii) Self-oriented teachers ()

(iii) High-quality teachers ()

(iv) None of the above ()

(m) Micro-teaching is a

(i) device ()

(ii) method ()

(iii) law ()

(iv) scaled down teaching ()

(n) The objective of personalized system of instruction is to provide feedback to

(i) administrator ()

(ii) manager ()

(iii) student ()

(iv) teachers ()

(o) Simulated teaching is

(i) goal-oriented ()

(ii) flexible ()

(iii) rigid ()

(iv) Both (i) and (ii) ()

SECTION—II

(Marks : 10)

2. Answer/Write on any *five* of the following : $2 \times 5 = 10$

(a) Explain the concept of educational technology.

(b) Characteristics of communication

(c) Define system approach.

(d) Explain computer-assisted instruction.

(10)

(e) What is Team teaching?

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(f) What is linear or extrinsic programming?

(g) Define distance education.

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