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(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)

The figures in the margin indicate full marks for the questions

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)*   ( )

(6)

SECTION—II

(*Marks* : 10)

Answer/Write on any *five* of the following :   2×5=10

(a) Explain the concept of educational technology.

(7)

(b) Characteristics of communication

(c) Define system approach.

Answer/Write on any *five* of the following :   2×5=10

(a) Explain the concept of educational technology.

(d) Explain computer-assisted instruction.

(e) What is Team teaching?

(f) What is linear or extrinsic programming?

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(g) Define distance education.

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