Ba/EDN M–4

2 0 2 4

(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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Paper Code : EDN M–4

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(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 o
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 : 2×5=10

(a) Explain the concept of educational technology.

(b) Characteristics of communication

(c) Define system approach.

(d) Explain computer-assisted instruction.

(e) What is Team teaching?

(f) What is linear or extrinsic programming?

(g) Define distance education.

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