Ba/EDN M–4

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)

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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(FYUGP)

(4th Semester)

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)

(*Marks* : 10)

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

   (a) Explain the concept of educational technology.

(7)

   (b) Characteristics of communication

(8)

   (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.