

Ba/Edn-601

2022

(6th Semester)

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 objective of educational technology is

(a) to teach moral values to students ()

(b) to identify the potential of learners ()

(c) to develop teaching and learning method ()

(d) All of the above ()

2. Technology which has its origin in behavioural sciences and their applied aspects concerning psychology of learning is

(a) hardware technology ()

(b) software technology ()

(c) Both (a) and (b) ()

(d) None of the above ()

3. According to Shiv K. Mitra, educational technology is a/an

(a) Art ()

(b) Art and Science ()

(c) Science ()

(d) Philosophy ()

4. Which of the following is the external sound presents in the channels of communication?

(a) Noise ()

(b) Language ()

(c) Culture ()

(d) Over communication ()

5. System approach helps in

(a) designing ()

(b) implementing ()

(c) evaluating learning systems ()

(d) All of the above ()

6. When is microteaching more effective?

- (a) Always ()
- (b) After the teaching practice ()
- (c) During the teaching practice ()
- (d) During the preparation for teaching practice ()

7. Programmed learning provides

- (a) general learning ()
- (b) self-paced learning ()
- (c) Both (a) and (b) ()
- (d) None of the above ()

8. Why is Computer-assisted learning beneficial for teacher?

- (a) It helps the teacher to evaluate their own performance ()
- (b) It helps the teacher to save time ()
- (c) It helps the teacher to convey more information ()
- (d) Both (b) and (c) ()

9. Programmed instruction is associated with

(a) operant conditioning ()

(b) classical conditioning ()

(c) trial and error theory ()

(d) None of the above ()

10. ICT stands for

(a) information and computer technology ()

(b) innovation and computer technology ()

(c) instruction and communication
technology ()

(d) information and communication
technology ()

(6)

SECTION—II

(Marks : 5)

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

1. The term 'technology' has been derived from Greek word 'techno'.

(*True* / *False*)

2. Linear programming represents a multiple line arrangement composed of a single-track programme.

(*True* / *False*)

3. Microteaching is a training technique.

(*True* / *False*)

4. System is a self-governing, self-maintaining and self-regulated structure.

(*True* / *False*)

5. Educational technology helps to identify the available teaching-learning material and resources.

(*True* / *False*)

(7)

SECTION—III
(Marks : 10)

C. Write short notes/Answer the following : $2 \times 5 = 10$

1. Objectives of educational technology

2. Components of communication process

1. Sender

2. Receiver

3. Message

4. Channel

5. Feedback

6. Context

(9)

3. Define system approach:

(10)

4. What is macroteaching?

5. Computer-Assisted Instruction (CAI)

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2022

(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) Differentiate between the terms
'technology of education' and
'technology in education.' $4\frac{1}{2}+4\frac{1}{2}=9$

Or

- (b) Explain hardware and software
approaches to educational technology.
Discuss its uses in the classroom
environment. $3+3+3=9$

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(Turn Over)

(2)

2. (a) Discuss the nature and process of communication. $4\frac{1}{2}+4\frac{1}{2}=9$

Or

(b) What is mass media approach to education? Bring out the merits and demerits of mass media approach to education. $3+3+3=9$

3. (a) Define the term 'system'. Discuss its characteristics and importance of system in education. $3+3+3=9$

Or

(b) Explain the use of instructional system designing in education. 9

4. (a) Explain programmed learning. Discuss its nature and fundamental characteristics of programmed learning. $3+3+3=9$

Or

(b) "Microteaching is a scaled-down teaching." Explain. How does microteaching help teachers and learners to improve their teaching skills? $4+5=9$

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(Continued)

(3)

5. (a) Define simulated teaching. Explain the procedure of simulated teaching. $3+6=9$

Or

(b) Define ICT. Explain the advantages and disadvantages of ICT in distance education. $3+3+3=9$

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