

**2 0 2 1**

( 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) Define the term educational technology. Discuss the important features and characteristics of educational technology. 3+3+3=9

Or

- (b) Explain different types of approaches to education. Explain how these approaches contribute towards effective teaching and learning. 6+3=9

2. (a) What is communication process? Discuss the components of communication process. 3+6=9

Or

- (b) Explain the importance of mass media approach in education. 9

3. (a) What is system approach? Explain the steps involved in the system approach to instructional process. 3+6=9

Or

- (b) What is instructional system designing? Discuss the components involved in instruction system designing. 3+6=9

4. (a) Define microteaching. Differentiate between micro- and macro-teaching. 3+6=9

Or

- (b) Explain team teaching. Bring out the advantages and disadvantages of team teaching. 3+6=9

5. (a) Define ICT (Information Communication Technology). Discuss the importance of ICT in the field of distance education. 3+6=9

Or

- (b) What is Computer Assisted Instruction (CAI)? Discuss its major contribution in the field of education. 3+6=9

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**Ba/Edn-601**

**2 0 2 1**

( 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 : 15 )

1. Choose and write the correct answer from the options provided : 1×10=10

(a) The term 'educational technology' was used as a synonym to audio-visual aids meant for

- (i) direct teaching-learning
- (ii) indirect teaching-learning
- (iii) Both (i) and (ii)
- (iv) All of the above

(b) Who defined, “Communication as the sharing of ideas and feelings in a mood of mutuality”?

(i) Aristotle

(ii) John Dewey

(iii) Edgar Dale

(iv) D. Berlo

(c) A system of interaction analysis essentially consists of the process of

(i) encoding

(ii) decoding

(iii) encoding and decoding

(iv) None of the above

(d) Microteaching as a training technique involves

(i) one phase

(ii) two phases

(iii) three phases

(iv) four phases

- (e) Who said, “Programmed learning is related with the law of effect”?
- (i) Sidney L. Pressey
  - (ii) Robert M. Gagne
  - (iii) B. F. Skinner
  - (iv) E. L. Thorndike
- (f) A system is a set of
- (i) interrelated elements
  - (ii) interdependent elements
  - (iii) interrelated and interdependent elements
  - (iv) None of the above
- (g) Programmed instruction owes its origin to the \_\_\_\_\_ of learning.
- (i) philosophy
  - (ii) psychology
  - (iii) sociology
  - (iv) humanities

(h) Flanders interaction analysis was developed in the form of

(i) teachers training technique

(ii) students training technique

(iii) Both (i) and (ii)

(iv) None of the above

(i) The linear programming was propagated by

(i) B. F. Skinner

(ii) E. L. Thorndike

(iii) Norman A. Crowder

(iv) Thomas F. Gilbert

(j) Computer-assisted instruction is used for facilitating

(i) instructional purpose

(ii) teaching purpose

(iii) individual variation

(iv) All of the above

( 5 )

2. State whether the following statements are *True (T)*  
or *False (F)* : 1×5=5

(a) Educational technology helps to identify the available teaching-learning material and resources.

(b) Any media through which communication is not achieved can be termed as the communication process.

(c) Programmed learning is not highly individualised.

(d) Macroteaching is a scaled down teaching.

(e) In simulated teaching, the participant is introduced to the situation by film strips.

( 6 )

SECTION—II

( Marks : 10 )

3. Write short notes on the following : 2×5=10

(a) Nature of educational technology

(b) Barriers to verbal classroom communication

(c) System approach to instructional process

(d) Merits of microteaching

(e) Simulated teaching

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