

**2019**

**( 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. Discuss the nature and scope of Educational Technology. 3+6=9**

*Or*

**What are the hardware and software approaches to educational technology? Suggest measures for using them effectively in the classroom environment. 4+5=9**

- 2. What is communication process? Discuss the components of communication process. 2+7=9**



Or

What are the different types of classroom communication? Discuss some of the barriers of classroom communication. 4+5=9

3. "Systems approach has a wide applicability in Education." Elucidate. 9

Or

What is instructional system designing? Explain the human resources and physical of instructional system of designing. 3+6=9

4. What is microteaching? How does micro-teaching help teachers and learners to improve their teaching skills? 2+7=9

Or

Define team teaching. Briefly discuss its salient features. 2+7=9

5. What do you understand by simulated teaching? Discuss the use of simulation as a technique in teaching. 3+6=9

Or

Discuss the importance of ICT in the field of education. 9

★★★



2019

( 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.** Tick (✓) the appropriate response from the choices given below : 1×5=5

1. The earliest concept of educational technology was linked with

- (a) the use of gadgets and mechanical devices like projectors, radio, etc. ( )
- (b) the use of audio-visual aids like charts, maps, etc. ( )
- (c) the use of programmed learning and programmed instruction ( )
- (d) None of the above ( )



2. The main communication channel is

- (a) writing-reading ( )
- (b) speaking-listening ( )
- (c) visual-observing ( )
- (d) All of the above ( )

3. There are \_\_\_\_\_ major steps involved in a systems approach.

- (a) three ( )
- (b) five ( )
- (c) two ( )
- (d) four ( )

4. Programmed learning is related with the 'Law of Effect' as explained by

- (a) Thurstone ( )
- (b) Skinner ( )
- (c) Thorndike ( )
- (d) Pavlov ( )



5. Computer-assisted instruction is used for facilitating

(a) instructional purpose ( )

(b) teaching purpose ( )

(c) individual variation ( )

(d) All of the above ( )

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

1. Heuristic is oral communication strategy of teaching.

( T / F )

2. Programmed instruction does not facilitate individual variation of learners.

( T / F )

3. The external barriers of communication lies in the sender and receiver of the message.

( T / F )

4. Personalised system of instruction (PSI) owes its origin to professor Fred S. Keller.

( T / F )

5. Simulated teaching is also called as simulated social skill training.

( T / F )



( 4 )

SECTION—II

( Marks : 15 )

C. Write short notes on the following :

3×5=15

1. Meaning of educational technology

B. Indicate whether the following statements are True (T) or False (F) by putting a tick (✓) mark : 1×5=5

1. Electronic is oral communication strategy of teaching.

2. Programmed instruction does not facilitate individual variation of learners.

3. The external barriers of communication lie in the sender and receiver of the message.

4. Personalized system of instruction (PSI) owes its origin to professor Fred S. Keller.

5. Simulated teaching is also called as simulated social skill training.



2. Mass media

3. Difference between micro- and macro-teaching



4. Fundamental principles of programmed instruction



5. Computer-Assisted Instruction