

**2 0 1 7**

( 6th Semester )

**EDUCATION**

Paper No. : 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. 4+5=9

*Or*

Define software and hardware approaches to educational technology. Discuss its use in the classroom environment. 2+2+5=9

2. What is communication process? Discuss its nature. What are the components of communication process? 3+3+3=9

*Or*

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

3. What are the steps involved in systems approach? 9

*Or*

Explain the use of instructional system designing in education. 9

4. What is team teaching? Write the procedure in team teaching and evaluate its uses. 3+3+3=9

*Or*

How does microteaching help teacher and learners to improve their teaching skills? 9

5. Define simulation. Discuss its use as a technique of teaching. 2+7=9

*Or*

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

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Paper No. : Edn-601

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( 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 technique of team teaching originated from

(a) UK ( )

(b) USA ( )

(c) Germany ( )

(d) None of the above ( )

2. Who defined 'system' as interrelated and interdependent elements?

(a) Robert Davis ( )

(b) Herbart ( )

(c) Edward ( )

(d) R. L. Ackoof ( )

3. Communication is derived from

(a) Greek word ( )

(b) Latin word ( )

(c) German word ( )

(d) Persian word ( )

4. — is a scaled-down teaching encounter.

(a) Macroteaching ( )

(b) Microteaching ( )

(c) Team teaching ( )

(d) None of the above ( )

5. The exponent of training psychology is

- (a) Frank O. Banghart ( )
- (b) Norbert Wiener ( )
- (c) Gulebod Smith ( )
- (d) L. Carter and Robert Gagné ( )

**B.** Fill in the blanks :

1×5=5

1. Computer-assisted instruction stands for instruction carried out with the help of

..... as a machine.

2. System denotes ..... between the parts or elements.

3. Hardware technology approach is based on the application of .....

4. Programmed learning is related to the law of effect given by .....

5. The word 'technic' in technology stands for .....

( 4 )

SECTION—II

( Marks : 15 )

C. Answer/Write on the following :

3×5=15

1. Meaning of educational technology

2. Mass media

3. Meaning of systems approach



4. Microteaching

5. What is ICT?

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