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(CBCS)

(5th Semester)

EDUCATION

EIGHTH (A) PAPER

(Educational Technology)

(Revised)

Full Marks : 75

Time : 3 hours

The figures in the margin indicate full marks for the questions

(Section : A—objective)

(*Marks* : 10)

Tick (✓) the correct answer in the brackets provided :   1×10=10

1. Educational technology is the application of

   (a) mass media in education   (   )

   (b) audio-visual aids   (   )

   (c) scientific principles to education   (   )

   (d) electronic media in education   (   )

2. Educational technology is a system in education in which machines, media, men and _____ are interrelated.

   (a) skills   (   )

   (b) methods   (   )

   (c) interest   (   )

   (d) talents   (   )

3. Verbal communication is divided into

(a) oral and gestures ( )

(b) body language and appearance ( )

(c) talking and singing ( )

(d) oral and written communication ( )

4. The formulation of messages in the communicator's mind is known as

(a) encoding ( )

(b) decoding ( )

(c) transmitting ( )

(d) formulating ( )

5. Psychomotor objectives focus on change or the development in

(a) emotional skills ( )

(b) physical skills ( )

(c) social skills ( )

(d) mental skills ( )

6. The ability to use learned material, or implement material in new and concrete situation in cognitive domain is

(a) comprehension ( )

(b) synthesis ( )

(c) application ( )

(d) evaluation ( )

7. Programmed learning is systematically planned, empirically established and effectively controlled

(a) method of technique ( )

(b) assumption technique ( )

(c) logical technique ( )

(d) self-instructional technique ( )

8. Micro-teaching is a

(a) scaled down teaching encounter ( )

(b) scaled down programme encounter ( )

(c) scaled down learning encounter ( )

(d) scaled down individual encounter ( )

9. Computer Assisted Instruction (CAI) provides opportunities for systematically organized maximum learning for all

(a) teachers ( )

(b) learners ( )

(c) men ( )

(d) women ( )

10. Distance education is

(a) learner-centred ( )

(b) teacher-centred ( )

(c) media-centred ( )

(d) subject-centred ( )

(SECTION : B—SHORT ANSWER)

(*Marks* : 15)

Write briefly on the following : 3×5=15

UNIT—I

1. Steps followed in systems approach to educational technology

OR

2. Content of teaching technology

UNIT—II

3. Characteristics of communication

OR

4. Barriers to effective communication

UNIT—III

5. Affective domain of educational objectives

OR

6. Concept of instructional system designing

UNIT—IV

7. Linear programming

OR

8. Concept of PSI

UNIT—V

9. E-learning resources

OR

10. Smart classroom

(SECTION : C—DESCRIPTIVE)

(*Marks* : 50)

Answer the following :   10×5=50

UNIT—I

1. What is educational technology? Discuss the scope of educational technology.   4+6=10

OR

2. Explain the software and hardware approaches to educational technology.
                                                                        5+5=10

UNIT—II

3. What is communication? Explain verbal and non-verbal types of communication in a classroom situation.   3+7=10

OR

4. What are various factors affecting effective classroom communication?   10

UNIT—III

5. Discuss the cognitive domain of Bloom's taxonomy of educational objectives. Illustrate your answer with relevant examples.   7+3=10

OR

6. Explain the concept of instructional system design. Discuss its components. 5+5=10

UNIT—IV

7. What is meant by programmed learning? Explain the principles of programmed learning. 3+7=10

OR

8. What is micro-teaching? Explain in detail the procedures of micro-teaching. 3+7=10

UNIT—V

9. Define Computer Assisted Instruction (CAI). Discuss its limitations for the present educational system. 4+6=10

OR

10. Describe various tools of Information and Communication Technology (ICT) in teaching-learning process. 3+7=10

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