

2017

(5th Semester)

EDUCATION

EIGHTH (A) PAPER

(Educational Technology)

Full Marks : 75

Time : 3 hours

(PART : B—DESCRIPTIVE)

(Marks : 50)

*The figures in the margin indicate full marks
for the questions*

1. Explain the concept and scope of educational technology. 3+7=10

Or

Discuss various approaches to educational technology. 10

2. Describe different types of communication. 10

Or

Explain various factors affecting classroom communication. 10

3. Describe Bloom's taxonomy of educational objectives in the cognitive domain. 10

Or

Discuss the concept and components of instructional system designing. 3+7=10

4. What are the principles of programmed learning? 10

Or

What are the advantages and limitations of programmed learning? 5+5=10

5. Give a suitable definition of the term 'computer-assisted instruction' and throw light on its applications as instructional device. 3+7=10

Or

What is simulation? Discuss its use as a teaching or training technique. 3+7=10

2017
(5th Semester)

EDUCATION

EIGHTH (A) PAPER

(Educational Technology)

(PART : A—OBJECTIVE)

(Marks : 25)

The figures in the margin indicate full marks for the questions

SECTION—A

(Marks : 10)

Choose the most appropriate answer to the following by putting a Tick (✓) mark against it in the brackets provided : $1 \times 10 = 10$

1. Educational technology has made educational process

- (a) child-centred ()
- (b) teacher-centred ()
- (c) content-centred ()
- (d) objective-centred ()

2. Four elements are required for communication—source, message, channel and

(a) destination ()

(b) sender ()

(c) medium ()

(d) signal ()

3. Psychomotor objectives focus on the development of

(a) skills ()

(b) attitude ()

(c) knowledge ()

(d) evaluation ()

4. Which of the following statements is true about programmed learning?

(a) It is a method of individualized instruction. ()

(b) It provides immediate knowledge of results. ()

(c) The learner moves at his own speed. ()

(d) All of the above ()

5. PSI aims for

- (a) changing the behaviour of the learner ()
- (b) attaining mastery learning of the learner ()
- (c) providing test material to the learner ()
- (d) solving psychological or educational problems ()

6. Educational technology has three major aspects—input, _____ and output.

- (a) teaching ()
- (b) learning ()
- (c) process ()
- (d) training ()

7. Good teaching is

- (a) good communication ()
- (b) more than mere communication ()
- (c) good preparation ()
- (d) good presentation ()

8. Affective domain involves

- (a) knowing/head ()
- (b) feeling/heart ()
- (c) doing/hands ()
- (d) None of the above ()

9. Branching Programming was invented by

- (a) N. A. Crowder ()
- (b) B. F. Skinner ()
- (c) Thomas F. Gilbert ()
- (d) Benjamin Bloom ()

10. Distance education

- (a) makes use of group discussions ()
- (b) is psychologically ineffective ()
- (c) helps in bringing equalization of educational opportunities ()
- (d) is more expensive in comparison with formal education ()

(5)

SECTION—B

(Marks : 15)

Write briefly on the following :

3×5=15

1. Types of educational technology

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2. Process of communication

Write briefly on the following:
I. Types of educational technology

ii. Branching Programming was invented by

- (a) A. Crowder
- (b) B. Skinner
- (c) D. P. Gilbert
- (d) Benjamin Bloom

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3. Development of human resources in education

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4. Types of programmed learning

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5. Distance teaching

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