

2015

(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. "Educational technology is the scientific application of scientific knowledge about teaching-learning." Discuss. 9

Or

Describe the hardware and software approaches to educational technology.

2. What is meant by communication? Briefly describe the types of classroom communication. 2+7=9

Or

Discuss the importance of mass media in educational technology. 9

3. Discuss the major steps involved in systems approach. 9

Or

List and describe the various steps required to design teaching-learning process through systems approach.

4. What is programmed learning? What are the principles underlying programmed learning? 2+7=9

Or

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

5. What do you understand by simulated teaching? Explain the procedure of simulated teaching. 3+6=9

Or

Discuss the importance of information and communication technology in distance education. 9

Subject Code : Ba/Edn-601

Booklet No. **A**

1501

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Date Stamp

To be filled in by the Candidate

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6th Semester End Term
Examination, 2015

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Subject

Paper

To be filled in by the Candidate

INSTRUCTIONS TO CANDIDATES

1. The Booklet No. of this script should be quoted in the answer script meant for descriptive type questions and vice versa.
2. This paper should be **ANSWERED FIRST** and submitted within 1 (one) Hour of the commencement of the Examination.
3. While answering the questions of this booklet, any cutting, erasing, overwriting or furnishing more than one answer is prohibited. Any rough work, if required, should be done only on the main Answer Book. Instructions given in each question should be followed for answering that question only.

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6th Semester End Term
Examination, 2015

Roll No.

Regn. No.

Subject

Paper

DESCRIPTIVE TYPE

Booklet No. B

Signature of
Scrutiniser(s)

Signature of
Examiner(s)

Signature of
Invigilator(s)

2015

(6th Semester)

EDUCATION

Paper No. : 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 : 1×10=10

1. Who among the following, defined educational technology as problem-solving interventions?

(a) Skinner ()

(b) Leavitt ()

(c) Silverman ()

(d) R. M. Gagne ()

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2. Hardware and software technologies are functionally
- (a) different ()
 - (b) same ()
 - (c) related ()
 - (d) not related ()
3. In the communication process, to encode means to
- (a) interpret a code ()
 - (b) translate ideas into a code ()
 - (c) speak to large groups of people ()
 - (d) block a pathway between the sender and receiver of a message ()
4. In the communication process, a receiver is
- (a) the person who decodes a message ()
 - (b) the person who encodes an idea ()
 - (c) a message pathway ()
 - (d) message interference ()

5. The systems approach integrates the analytic and the synthetic method, encompassing both
- (a) psychological and behaviourism ()
 - (b) holism and reductionalism ()
 - (c) pedagogy and teaching ()
 - (d) teaching and learning ()
6. The instructional systems design process includes
- (a) implementation ()
 - (b) development ()
 - (c) analysis ()
 - (d) All of the above ()
7. Macroteaching is often done in
- (a) lecture format ()
 - (b) training format ()
 - (c) learning format ()
 - (d) teaching format ()

8. Team teaching is also known as
- (a) collaborative teaching ()
 - (b) special teaching ()
 - (c) group teaching ()
 - (d) single teaching ()
9. Personalized system of instruction (PSI) was described as an interlocking system of instruction, which consists of sequentially, progressive tasks by
- (a) Burton ()
 - (b) Moore ()
 - (c) Magliaro ()
 - (d) All of them ()
10. Role-playing in the process of teaching in an artificial situation is known as
- (a) simulated teaching ()
 - (b) development teaching ()
 - (c) capitalised teaching ()
 - (d) team teaching ()

(5)

SECTION—II

(Marks : 15)

B. Write on the following :

3×5=15

1. Scope of educational technology

2. Components of communication process

3. Instructional system

4. Microteaching

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5. Computerized Assisted Instruction (CAI)
