

2013

EDUCATIONAL TECHNOLOGY

Paper - VII/VIII

Full Marks : 90

Time : 4 Hours

*The figures in the right-hand margin indicate marks.
Candidates are required to give their answers in
their own words as far as practicable.*

Answer any six questions.

1. Explain the nature of Educational Technology. Define a 'system'. Discuss the system approach to education, and comment on its merits. 5+2+6+2=15
2. Mention and explain the different components of communication process in the instructional system. Describe verbal and non-verbal communication in the classroom. Comment on the need for interaction in teaching. 6+3+3+3=15
3. What is the meaning of levels of teaching? Explain the understanding level of teaching. Distinguish between understanding and reflective levels of teaching. 2+8+5=15

[Turn over]

4. Explain the different components of 'Models of Teaching' and discuss how they relate to each other. Describe Ausu Gel's model of teaching, and comment on its suitability for Seconadary Education. $5+2+6+2=15$
5. Describe the different skills to be required by the teacher when practising simulated teaching. What is micro teaching? How does it differ from simulated teaching? $10+5=15$
6. Discuss 'Team Taching' with its merits and demerits. Explain the difference between team teaching and traditional teaching. $12+3=15$
7. What is the meaning of programmed instruction? Discuss the principles of programmed instruction. Mention the merits and demerits of programmed instruction. $3+6+(3+3)=15$
8. a) Define 'Media'. What is the difference between projected and non-projected media?
- b) Discuss how Media can help the teaching-learning process.
- c) Discuss any one non-projected media used in teaching learning process. $(1+2)+6+6=15$
9. a) Explain the characteristics and uses of formative and summative evaluation.

b) Discuss the uses of computers in evaluation.

4+4+7=15

10. Write notes on : 2013 7+8

a) EDUSAT networking and uses.

b) The meaning and use of Task Analysis.

Full Marks : 90 Time : 4 Hours
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Candidates are requested to write answers in
their own words as far as practicable.
Answer any six questions.

1. Explain the nature of Educational Technology.
Define 'system'. Discuss the systems approach to
education, and comment on its merits.

5+2+6+2=15

2. Mention and explain the different components of
communication process in the instructional system.
Describe verbal and non-verbal communication in
the classroom. Comment on the need for interaction
in teaching.

6+3+3+3=15

3. What is the meaning of levels of teaching? Explain
the understanding level of teaching. Distinguish
between understanding and reflective levels of
teaching.

3+8+5=15

19(D) M.A./Part-II/Edn.-VII/VIII(E.T)/DODL/14

2014

EDUCATION

(Educational Technology)

Paper : VII/VIII

Full Marks : 90

Time : 4 Hours

The figures in the right-hand margin indicate marks.

Candidates are required to give their answers in their own words as far as practicable.

Answer any six questions.

1. What is meant by Educational Technology? Explain different forms of Educational Technology. Discuss the scope of Educational Technology.
3+4+8=15
2. Discuss the factors which affect classroom communication. Suggest different strategies for effective classroom communication. 7+8=15
3. Explain the differences between Conditioning and Training. What is meant by levels of Teaching? Discuss the Pre-active and Interactive stages of Teaching.
2+3+(5+5)=15

[Turn over]

4. Explain the nature of Models of Teaching. Discuss 'Concept Attainment Model' with its applications. $3+(10+2)=15$
5. Discuss Flanders Interaction Analysis Categories. Mention merits and demerits of this Interaction Analysis. $10+(2+3)=15$
6. What is the meaning of Instructional Objectives? Discuss the instructional objective of Cognitive domain with appropriate action verbs. $3+(6\times 2)=15$
7. Mention the differences between Linear and Branching Programming. Discuss the process of development of Programmed Learning Material. $5+10=15$
8. Discuss factors for the selection of Media in teaching-learning process. Suggest any five guidelines for effective use of Blackboard. Explain the advantages of Multimedia in teaching-learning process. $6+5+4=15$
9. a) Explain the differences between NRT and CRT.
- b) Discuss the application of ET in Open and Distance Learning Systems. $7+8=15$
10. a) Write a note on Language Laboratory.
- b) Discuss different computer-based instructional methods. $8+7=15$

19(D)/ET

MA/Pt-II/EDN-VII/VIII(ET)/DODL/15

2015

EDUCATION

(Educational Technology)

Paper : VII/VIII

Full Marks : 90

Time : 4 Hours

The figures in the right-hand margin indicate marks.

Candidates are required to give their answers in their own words as far as practicable.

Answer any six questions.

1. Explain the nature of Educational Technology. What is the meaning of 'system'? Discuss education as a 'system approach'? Mention any two implications of system approach in education. 6+2+5+2
2. Discuss the process classroom communication with the help of different components. Suggest any seven strategies for effective classroom communication. 8+7
3. Discuss Post-active stage of teaching. Explain the model for teaching at understanding level. State the differences between understanding and reflection level of teaching. 5+7+3

[Turn over]

4. Explain the meaning of 'Focus' and 'Support system' of a Model of Teaching. Discuss Ausubel's Model of Teaching. 4+11
5. State the characteristics of Microteaching. Discuss the procedure of Microteaching for developing teaching skills. 5+10
6. Define Instructional objectives. Discuss the instructional objective of Psychomotor or Affective domain. Explain the meaning of 'Task Analysis'. 2+8+5
7. Explain any five principles of Programmed Instruction. State the characteristics of Branching Programme. Discuss the importance and limitations of Programmed Instruction. 5+5+(3+2)
8. What do you mean by Projected and Non-projected media? Discuss one Projected and one Non-projected media used in education. Explain the meaning of 'Multimedia'. 4+(4+4)+3
9. a) Discuss the meaning, advantages and limitations of language laboratory.
- b) Discuss the application of computers in Educational Instructions. (3+3+3)+6
10. Write notes on: $7\frac{1}{2} + 7\frac{1}{2}$
- a) Application of ET in Non-formal education.
- b) Formative and Summative evaluation.

2016

EDUCATION

(Educational Technology)

Paper : VII/VIII

(Elective)

Full Marks : 90

Time : 4 Hours

The figures in the right-hand margin indicate marks.

Candidates are required to give their answers in their own words as far as practicable.

Answer any six questions.

1. a) Explain the meaning and scope of Educational Technology.
b) Explain Hardware and Software approaches of Educational Technology with suitable examples. (5+5)+5=15
2. a) What are the types of communication?
b) How can they be applied in the classroom communication?
c) Discuss the Barriers in communication. 5+5+5=15
3. a) Distinguish between Teaching and Instruction.
b) Discuss the strategies for teaching at understanding level. 6+9=15

[Turn over]

4. a) Explain different components of a model of Teaching.
 b) Discuss Bruner's model of Teaching. $5+10=15$
5. a) What is Simulation?
 b) Discuss modern development of Flander's Instruction Analysis. $3+12=15$
6. a) Explain 'Task Analysis' in the light of Educational Technology.
 b) Write a note on 'Seminars'. $8+7=15$
7. a) Write a note on 'Projected Media'.
 b) Explain different stages of Linear Programmed Instruction. $5+10=15$
8. a) Explain the difference between Formal and Non-formal education with suitable examples.
 b) How can educational technology be applied in open and distance learning? $8+7=15$
9. a) Discuss the meaning, advantages and limitations of Teleconferencing.
 b) Explain the application of computers in Educational Instruction in Classroom. $(3+3+3)+6=15$
10. a) What do you mean by Informal Education? Explain with example how it is different from Formal Education.
 b) Explain the difference between Norm-referenced and criterion referenced test, with suitable examples. $(3+5)+7=15$

2017

EDUCATION

(Educational Technology)

Paper : VII/VIII(A)

Full Marks : 90

Time : 4 Hours

The figures in the right-hand margin indicate marks.

Candidates are required to give their answers in their own words as far as practicable.

Answer any **six** questions.

1. Define the meaning and nature of Educational Technology. Explain Hardware and Software approaches of Educational Technology with suitable examples. 5+5+5=15
2. Discuss the factors which affect classroom communication. Suggest different strategies for effective classroom communication. 7+8=15
3. Discuss the strategies for teaching and understanding level. Differentiate between Teaching and Instruction. 9+6=15
4. State main features of a teaching model. Explain with examples the Bruner's model of Teaching. 5+10=15

[Turn over]

5. Define Simulation. Describe Flander's Interaction Analysis. $3+12=15$
6. Discuss 'Team Teaching' with its merits and demerits. Explain the difference between team teaching and traditional teaching. $12+3=15$
7. a) Discuss task analysis in the light of Educational Technology.
- b) Write note on utility of seminar. $8+7=15$
8. a) Discuss the difference between Formal and Non-formal education with suitable examples.
- b) How can Educational Technology be applied in open and distance learning? $8+7=15$
9. Define 'Projected Media'. Explain different stages of Linear Programmed Instruction. $5+10=15$
10. a) Discuss the meaning, advantages and limitations of Teleconference.
- b) Uses of EDUSAT networking. $9+6=15$