

**5 SEM TDC EDN M 3**

**2 0 1 7**

( November )

EDUCATION

( Major )

Course : 503

**( Educational Technology )**

*Full Marks : 80*

*Pass Marks : 32/24*

*Time : 3 hours*

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

1. Answer the following questions as directed :

1×8=8

- (a) What is 'frame' in programmed learning?
- (b) What is meant by 'educational radio'?
- (c) What is the full form of 'ISRO'?
- (d) "Communication is a means of persuasion to influence the other so that the desired effect is achieved." Who said this?

(e) What are the 3 H's of educational technology?

(f) Mention one element of model of teaching.

(g) Which of the following is not a component of classroom communication?

(i) Sender

(ii) Receiver

(iii) Writing

(iv) Channel

( Choose the correct answer )

(h) Organization of a system is not associated with

(i) input

(ii) media

(iii) outcomes

(iv) teaching-learning process

( Choose the correct answer )

2. Write short notes on the following :  $4 \times 5 = 20$

(a) Methods of instructional technology

(b) Educational use of television

( 3 )

- (c) Components of communication process
- (d) Psychomotor domain of human behaviour
- (e) Characteristics of teaching model

3. What is meant by educational technology? Discuss the importance of educational technology in the present context. 2+8=10

Or

What is systems approach? Discuss the principles of using hardware and software approach. 2+8=10

4. What is Mass media? Discuss the use of Internet in education. 3+7=10
5. Define communication. Discuss verbal and non-verbal communication with appropriate examples. 2+8=10

Or

What are the barriers to effective classroom communication? Suggest the guidelines for better communication in teaching-learning process. 3+7=10

6. Define teaching objectives. Mention its types.  
Discuss the components of the skill of  
writing teaching objectives in behavioural  
terms. 2+2+7=11
7. What is Linear Programmed Learning?  
Discuss the characteristics of Linear  
Programmed Learning. 3+8=11

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