

**5 SEM TDC EDN M 3**

**2 0 1 9**

( 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) State a difference between hardware and software approaches of educational technology.
- (b) Cite an example of instructional technology.
- (c) What is closed-circuit television?
- (d) What is E-mail?

(e) "Communication is a bipolar process."

( Write True or False )

(f) The word 'intra' means

(i) between

(ii) within

(iii) among

(iv) None of the above

( Choose the correct answer )

(g) State a difference between general objectives and instructional objectives of teaching.

(h) State the focus of Glasser's Classroom Meeting model.

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

(a) Scope of educational technology

(b) Uses of EDUSAT

(c) Differences between verbal and non-verbal communications

(d) Importance of teaching objectives in the classroom

(e) Features of personalized system of instruction (PSI)



3. What is meant by system approach? Discuss its components with special reference to classroom instruction.  $2+8=10$

Or

Define educational technology. Distinguish between instructional technology and educational technology.  $3+7=10$

4. What is mass media? Describe the educational values of television and internet.  $2+4+4=10$

5. Define communication. Discuss the barriers of an effective classroom communication.  $2+8=10$

6. What is meant by writing instructional objectives in behavioural terms? Explain the components of the skill of writing instructional objectives in behavioural terms.  $3+8=11$

7. What is programme learning? Describe the principles of programme learning.  $3+8=11$

Or

Write short notes on the following :  $4+4+3=11$

- (a) Advantages of team teaching
- (b) Characteristics of branching programme
- (c) Brainstorming as a method of teaching

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