

Total number of printed pages-4

63(FY) SEM-4/MAJ/EDNMAJ2054

2025

**EDUCATION**

(Major)

Paper : EDNMAJ2054

**(Educational Technology)**

Full Marks : 70

Pass Marks : 28

Time : Three hours

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

1. Choose the correct answer : 1×6=6
  - (a) The word Technology has been derived from the Greek word \_\_\_\_\_.
    - (i) Techno
    - (ii) Tech
    - (iii) Technologia
    - (iv) Technique
  - (b) "Communication is defined as the sharing of ideas and feeling in a mood of mutuality." Who said this?
    - (i) Edgar Dale
    - (ii) Anderson

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Contd.

- (iii) Aristotle
- (iv) Rogers
- (c) Who introduced the concept of micro-teaching ?
  - (i) David B. Young
  - (ii) Dwight W. Allen
  - (iii) McAleese
  - (iv) N. A. Flanders
- (d) Which of the following is visual aids ?
  - (i) Bulletin Board
  - (ii) Slides
  - (iii) Charts
  - (iv) All of the above
- (e) The use of technology to enhance learning process is called \_\_\_\_\_ in education.
  - (i) IT
  - (ii) Communication Technology
  - (iii) ICT
  - (iv) Information Technology
- (f) Forms of media using transparency
  - (i) Slides
  - (ii) CDs, DVDs
  - (iii) Overhead Project
  - (iv) Charts

- 2. Answer the following questions in brief : **(any five)**  
2×5=10
  - (a) What is educational technology ?
  - (b) Write *two* assumptions of teaching technology.
  - (c) What is called Post-active phase of teaching ?
  - (d) Write *two* characteristics of communication.
  - (e) What is micro-teaching ?
  - (f) What is instructional technology ?
  - (g) What is programme instruction ?
- 3. Answer the following questions : **(any six)**  
5×6=30
  - (a) Discuss the nature of educational technology.
  - (b) Discuss the fundamental characteristics of teaching technology.
  - (c) What is operations of teaching ? Write the major operations of teaching.
  - (d) Write the phases of micro-teaching.
  - (e) What is behavioural technology ? Explain the characteristics of behavioural technology.

- (f) What is communication? Write *three* nature of communication.
- (g) Write the barriers of classroom communication.
- (h) Write the scope of instructional technology.
- (i) Write about the use of Internet in education.

4. Answer the following questions : (**any two**)

12×2=24

- (a) Explain the concept of educational technology. Discuss the importance of educational technology in higher education. 4+8=12
- (b) What is teaching technology? Discuss the characteristics and assumptions of teaching technology.
- (c) Discuss the various steps of micro-teaching cycle.
- (d) Discuss the various Principles of Programmed Instruction.