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

*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)*

$$12 \times 2 = 24$$

(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.

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