63/1 (SEM–4) EDN HC 4086 (CC 8)

2022

EDUCATION

Paper : CC–8

(Educational Technology)

Full Marks : 80

Time : 3 hours

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

1. Choose the correct answer from the following : 1×6=6

   (a) "Educational technology is the application of scientific knowledge about learning in practical learning situations." This statement was made by

      (i) J. Bloomer

      (ii) Robert A. Cox

      (iii) Hadden E. H.

      (iv) John P. De Cecco

   (b) "Micro-teaching is a scaled down teaching encounter in class, size and time." Who said this?

      (i) Allen and Eve

    (ii) D. W. Allen

    (iii) Clift and others

    (iv) David B. Young

(c) Behavioural technology is also called as

    (i) teaching technology

    (ii) communication technology

    (iii) training technology

    (iv) instructional technology

(d) The originator of the concept of mathematics programming is

    (i) Skinner

    (ii) Thomas P. Gilbert

    (iii) Kamowski

    (iv) Bloom

(e) The second phase of teaching is

    (i) post-active phase

    (ii) pre-active phase

    (iii) interactive phase

    (iv) None of the above

(f) Linear programming is directly related with the theory of

    (i) classical conditioning

    (ii) operant conditioning

    (iii) cognitive theory

    (iv) social learning theory

2. Answer the following questions briefly : 2×5=10

    (a) Write two objectives of educational technology.

    (b) What is interactive phase of teaching?

    (c) Write two objectives of personalized system of instruction.

    (d) What is simulation?

    (e) State two advantages of micro-teaching.

3. Answer any *six* of the following questions in short :   5×6=30

    (a) Write about non-verbal communication.

    (b) Write the principles of using teaching aids.

    (c) Mention five advantages of using multimedia in education.

    (d) Write about the role of computer in modern education.

    (e) Write about the uses of flow diagram.

(f) Mention any five advantages of team teaching.

(g) What is teaching technology?

(h) Write the nature of behavioural technology.

(i) Write the scope of educational technology.

4. Answer any *two* of the following questions :

10×2=20

(a) What is educational technology? What are the different types of educational technology? 4+6=10

(b) Enumerate the barriers of classroom communication. How can these barriers be removed? Give suggestions. 5+5=10

(c) What is internet? Critically analyze the contribution of internet in the overall improvement of higher education. 3+7=10

5. Answer any *one* of the following questions : 14

(a) Explain the concept of systems approach. Describe the procedural steps involved in the systems approach in educational technology. 5+9=14

(b) What is micro-teaching? How is it different from traditional teaching? Write the different phases of micro-teaching. 3+5+6=14

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