

2 0 1 4

EDUCATION

(Major)

Paper : 4.1

(**Educational Technology**)

Full Marks : 80

Time : 3 hours

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

1. (a) Answer the following questions : $1 \times 5 = 5$
- (i) Mention any one characteristic of educational technology.
 - (ii) Mention any one characteristic of microteaching.
 - (iii) Mention any one characteristic of instructional technology.
 - (iv) Mention any one characteristic of good teaching aids.
 - (v) Mention any one characteristic of team teaching.

(b) Complete the following sentences by using appropriate words/group of words from the brackets : $1 \times 5 = 5$

(i) Educational technology can be classified into — types.

(three/four/five)

(ii) RCEM approach was presented by Regional College of Education, —.

(Mumbai/Mysore/Bhubaneswar)

(iii) The Personalized System of Instruction (PSI) Studies was originated by —.

(Robert Glaser/Fred S. Keller/
Carl Rogers)

(iv) Classroom communication can be divided into — types.

(two/three/four)

(v) — is a set of related Web pages published by an organization or individual.

(Web page/Web site/Home page)

2. Give short answers of the following : $2 \times 5 = 10$

(a) Mention two merits of microteaching.

(b) Mention two barriers of classroom communication.

- (c) What do you understand by 'teleconferencing'?
- (d) Write two advantages of Computer-Assisted Instruction (CAI).
- (e) What do you understand by 'E-library'?

3. Write short notes on any *four* of the following : 5×4=20

- (a) Scope of educational technology
- (b) Procedure involved in microteaching
- (c) Characteristics of a good teaching model
- (d) Difference between educational technology and instructional technology
- (e) Components of classroom communication
- (f) Importance of teaching aids

4. Answer any *four* of the following : 10×4=40

- (a) Elucidate the concept of educational technology. Discuss the importance of educational technology in conventional mode of education. 4+6=10
- (b) Explain the hardware and software approaches to educational technology. Discuss the importance of hardware and software technologies in education. 5+5=10

- (c) Explain the concept of systems approach to education. Draw a flow diagram to highlight the systematic approach to instruction. 4+6=10
- (d) Explain the concept of programmed instruction. Discuss its importance in the field of education. 4+6=10
- (e) What is meant by Computer-Assisted Instruction? Discuss the uses of computer in education. 4+6=10
- (f) Describe Bloom's taxonomy of educational objectives and its uses. 10
- (g) Explain the concept of team teaching. Discuss the procedure of organizing team teaching. 4+6=10
- (h) What is Internet? What services does it offer in the field of education? Discuss. 4+6=10
