

2013

(November)

EDUCATION

(Major)

Course : 503

(Educational Technology)

Full Marks : 80

Pass Marks : 32

Time : 3 hours

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

1. Give short answers of the following : $1 \times 8 = 8$
- (a) In which year was INSAT-1B launched?
 - (b) What is the full form of SITE?
 - (c) "Technology is the application of scientific knowledge to a practical purpose or problem." Who said this?
 - (d) Who published *Educational Programme through Television* for the first time?
 - (e) "Communication is a means of persuasion to influence the other so that the desired effect is achieved." Who said this?

- (f) Who introduced classroom teaching model?
- (g) Mention the first level of the cognitive domain of Bloom's taxonomy.
- (h) Who introduced linear programmed learning?
2. Write short notes on the following : $4 \times 5 = 20$
- (a) Systems approach
- (b) EDUSAT
- (c) Teaching as a communication process
- (d) General and specific objectives of teaching
- (e) Activities of Keller plan
3. What is educational technology? Write briefly on the nature and characteristics of educational technology. $3 + 8 = 11$
4. What is mass media? Discuss the importance of mass media in education. $2 + 7 = 9$

Or

What is Internet? Discuss its advantages and disadvantages in education. $3 + (3 + 3) = 9$

5. What are meant by verbal and nonverbal communication? Write a note on various types of nonverbal communication. (2+2)+7=11

Or

What is meant by classroom communication? Write a note on the factors affecting classroom communication. 4+7=11

6. What is meant by 'behavioural terms'? Discuss the skill of writing teaching objectives in behavioural terms. 3+8=11

Or

Write briefly on Bloom's taxonomy of educational objectives. 11

7. What is meant by team teaching? Write briefly on the characteristics of team teaching. 3+7=10

Or

What is mathematics programming? Discuss various characteristics of mathematics programming. 3+7=10
