

**2021**

**EDUCATION**

**4th Semester Examination (DODL)**

**Paper : EDE-03**

**(Educational Technology)**

Full Marks : 80

Time : 4 Hours

*The figures in the right-hand margin indicate marks.*

*Candidates are required to give their answers in their own words as far as practicable.*

**GROUP-A**

Answer any **four** questions:

15×4=60

1. Define 'Teaching Machine'. Explain the main features of teaching machine. How is it related to programme instruction? State three differences between linear and branching programming.

2+5+5+3=15

2. Differentiate between NRT and CRT. Which type of test should be preferred in educational measurement and why? Discuss the merits and demerits of summative evaluation in our teaching-learning process.

5+5+5=15

*[Turn over]*

3. Explain the concept of educational technology. Describe how educational technology can be utilised to meet the current challenges of education in India. Mention the uses the hardware approach in education.

3+7+5=15

4. What is Teleconferencing? Illustrate the uses of Teleconferencing in education. Mention three advantages of Teleconferencing. Give a brief idea about the potentiality of CCTV.

2+5+3+5=15

5. Define 'CAI'. Mention the difference between CAI and CMI. State some of the important uses of computer based instructional methods. Describe the importance of EDUSAT in education.

2+3+5+5=15

6. Give a suitable definition of "Non-Projected Media". Explain in detail about any Non-Projected Media used in Education. What are the objectives of Micro-Teaching?

2+8+5=15

### GROUP-B

7. Answer any **four** questions from the following:

5×4=20

- a) Write a short note on Language Laboratory. 5
- b) Mention the disadvantage of the application of educational technology. 5
- c) Compare formative and summative evaluation. 5
- d) Briefly discuss about OHP. 5
- e) Explain the theoretical basis of programme learning. 5
- f) Discuss the uses of Radio Vision. 5

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