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B.El.Ed. (Third Year) EXAMINATION, 2026

(Regular & Re-appear)

LOGICO MATHEMATICS EDUCATION

Time : 3 *Hours*] [*Maximum Marks :* 40

Before answering the question-paper, candidates must ensure that they have been supplied with correct and complete question-paper. No complaint, in this regard will be entertained after the examination.

Note : Attempt *Five* questions in all, selecting *one* question from each Unit. All questions carry equal marks.

Unit I

1. Write the theory of : **8**

(i) Piaget

(ii) Bruner.

2. "Cultural difference is the major factor in understanding and mathematics." Justify this statement with suitable example. **8**

Unit II

3. Write a note on 'language of mathematics'. **8**

4. What is the general approaches and techniques for Language of mathematics ? Explain. **8**

Unit III

5. (a) Arrange the fractions $\frac{1}{5}, \frac{8}{5}, \frac{14}{8}, \frac{9}{7}, \frac{11}{8}$ in descending order.

   (b) Solve :

$$\frac{3.14 \times 27.625}{3.4 \times 4.95 \times 75}$$

8

6. Write short notes on the following : **8**

   (i) Individual activity

   (ii) Group activity.

Unit IV

7. (a) What is the role of text books and curriculum in mathematics subject ?

   (b) Write a note on measurement and operations in mathematics. **8**

8. Write down briefly on "Evaluation and testing" with reference to mathematics subject. **8**

Unit V

9. Explain in detail the concept of : **8**

   (i) Numbers

   (ii) Place values of numbers.

10. What is readymade kits of mathematics ? Explain its role and importance. **8**

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