

B.Ed Test (New syllabus)

Roll No. ....

Total Pages : 2

DTEGA/J-17

18734

PEDAGOGY OF MATHEMATICS

Paper - 7

Group - (iv)

Time : Three Hours]

[Maximum Marks : 70

**Note :** Attempt *five* questions in all, selecting *one* question from each Unit. Question No. 1 is compulsory. All questions carry equal marks.

**Compulsory Question**

1. Write short notes on the following :
- (a) Difference between Aims and Objectives of teaching. 3.5
  - (b) Meaning and importance of Pedagogical analysis. 3.5
  - (c) Application of ICT in teaching Mathematics. 3.5
  - (d) Importance of Drill-work. 3.5

**UNIT-I**

2. Discuss the meaning, nature and scope of Mathematics. 14
3. With the help of suitable examples, explain the correlation of mathematics with other school subjects. 14

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## UNIT-II

4. With the help of an example, explain different points to be followed for Pedagogical Analysis. 14
5. Explain the importance and steps of Lesson planning. 14

## UNIT-III

6. What do you mean by Curriculum ? Enlist and explain different principles of designing a good curriculum of mathematics. 14
7. Highlight the need and importance of Mathematics Club. How would you organise a Mathematics club in your school ? 14

## UNIT-IV

8. With the help of suitable examples, describe the use of project method for teaching Mathematics. 14
9. Explain the meaning, importance and types of Evaluation. 14