

- c) Explain in brief problem solving method in teaching Mathematics. 7
- d) What is meant by Achievement Test? Write the steps to construct an achievement test. 2+5=7
- e) What is meant by Programmed Instruction? Briefly discuss the fundamental principles of Programmed Learning. 2+5=7
- f) Describe the aims of teaching Mathematics at the school in secondary level. 7

3. Answer any **five** questions in about 250 words each:

2×5=10

- a) Mention any two major shortcomings of present evaluation system in mathematics.
- b) Give any two examples of objective type items.
- c) Write the steps of Unit plan in Mathematics.
- d) Give two examples of teaching aids for teaching Arithmetic at school level.
- e) Differentiate between measurement and evaluation.
- f) Give two examples of 'Positive Correlation' from Mathematics.
- g) Mention any two advantages of Lesson Plan in teaching Mathematics.

BACHELOR OF EDUCATION EXAMINATION, 2024

(1st Year, 2nd Semester)

PEDAGOGY OF SCHOOL SUBJECT – I

COURSE: B.ED.-2.7A

[TEACHING OF MATHEMATICS - I]

Time : Two hours

Full Marks : 50

The figures in the margin indicate full marks.

1. Answer any **one** question: 12×1=12
- a) Write a lesson plan on any topic of your choice from secondary (only class VI to VIII) or Higher Secondary level (only class XI) syllabus of Mathematics. 12
- b) What are the benefits and challenges of using the Inductive-Deductive Method of Teaching Mathematics at school level? 6+6
2. Answer any **four** questions in about 250 words each : 7×4=28
- a) What is meant by Diagnostic Test? Briefly discuss the use of Diagnostic test in Remedial teaching. 2+4
- b) How can the Analysis-Synthesis Method be effectively used to teach Problem-Solving skills?