

- c) State effective uses of Mathematics text-book. 7
- d) What do you understand by meaningful learning in mathematics and what are the various principles of meaningful learning? 2+5
- e) Write notes on organization and activities of Mathematics Club in school. 3+4
- f) Briefly describe how a teacher can effectively employ Laboratory method in teaching Geometry at secondary level. 7

3. Answer any **five** questions in about 60 words each:

2×5=10

- a) Write any four limitations of 'Heuristic Method'?
- b) Write any two needs of Mathematics Library?
- c) Suggest any two steps to make Mathematics more interesting?
- d) Mention the names of different types of objective type items.
- e) What is 'Prognosis Test'?
- f) What do you mean by 'Creativity in Mathematics'?
- g) Give any four examples of audio-visual aids in effective teaching of Mathematics.

BACHELOR OF EDUCATION EXAMINATION, 2024

(2nd Year, 3rd Semester)

PEDAGOGY OF SCHOOL SUBJECT – II

COURSE: B.ED.-3.7B

[TEACHING OF MATHEMATICS - II]

Time : Two hours

Full Marks : 50

The figure in the margin indicates full marks.

1. Answer any **one** question : 12×1=12
 - a) Describe the Discovery Method of teaching Mathematics with its advantages. Explain, with an example, how you would apply it in your classroom while teaching. 6+6
 - b) What are the aims of research in Mathematics Education? Briefly discuss the current research trends in teaching Mathematics at secondary level. 4+8
2. Answer any **four** questions in about 250 words each : 7×4=28
 - a) Briefly discuss the principles that governs Mathematics curriculum construction. 7
 - b) What is 'Project Method' of teaching Mathematics? Suggest and describe a suitable project for secondary school students. 1+6