4. Write short notes on the following :
   (a) Synthetic method of teaching. 7
   (b) Project method of teaching. 7

5. (a) Describe the applications of internet for teaching of mathematics. 7
   (b) Discuss the characteristics of individualised instruction. 7

Or

6. (a) Discuss Computer Assisted Instruction (CAI) method of individualised instruction for mathematics teaching. 7
   (b) Write a short note on Programmed Instruction (PI). 7

7. (a) Discuss the uses of microteaching. 7
   (b) Prepare a micro-lesson for the skill of explanation. 7

Or

8. (a) Write a short note on mathematics club. 7
   (b) Write a short note on mathematics library. 7

9. (a) Write a short note on formative evaluation. 7
   (b) Write a short note on norm-reference test. 7

Or

10. (a) Discuss the limitation of essay type examination. 7
    (b) Discuss advantages and disadvantages of oral test. 7

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UG (CBCS) EVEN SEMESTER EXAMINATION, 2023

EDUCATION (B.Sc. B.Ed.)

4th Semester

Course No. : BSED - 404 (TOM-I)

(Teaching of Mathematics)

Full Marks : 70

Pass Marks : 28

Time : 3 hours

The figures in the margin indicate full marks for the questions

(Answer all questions)

1. (a) Describe the importance of teaching mathematics of secondary level. 7
   (b) Prepare a lesson plan on a topic of your choice on mathematics for 9th class. 7

Or

2. (a) Discuss about the need of taxonomical approaches of teaching mathematics. 7
   (b) Discuss the social aims of teaching mathematics. 7

3. (a) Describe mathematics curriculum at higher secondary level. 7
   (b) Differentiate between inductive and deductive methods. 7

Or