2017
(JULY)
Bachelor of Education
(Teaching of Mathematics)
Paper – BEd/2/CC/202
Full Marks : 60
Pass Mark : 24
Time : 3 Hours

The figures in the margin indicate full marks for the questions

Answer any five questions from the following-

1. Discuss the meaning of mathematics and describe Ramanujan's contributions towards mathematics.   **(5+7=12)**

2. Differentiate between aims and objects of teaching mathematics and write four specific objectives of teaching of mathematics in behavioral terms.   **(8+4=12)**

3. Describe in detail about analytic and synthetic methods of teaching mathematics with suitable examples.   **(6+6=12)**

4. Discuss the planning and maintenance of mathematics laboratory and describe its usefulness for secondary school students.   **(4+4+4=12)**

5. Select a suitable topic from secondary school geometry and prepare a detail lesson plan.   **(12)**

6.   What is objective type test ? Explain different types of objective type tests with suitable examples.   **(2+10=12)**

7.   Describe in detail the fundamental principles of developing mathematics curriculum and explain the various factors with suitable examples that affect the process.   **(6+6=12)**

8.   Discuss the various steps for construction of achievement test in mathematics and prepare a blue print of the same.   **(6+6=12)**

9.   Write short notes on *any two* of the following.   **(6x2=12)**

       (a)   Relation of mathematics with other subjects

       (b)   Problem solving method

       (c)   Functions of Mathematics text book

       (d)   Unit planning.

****2/B.Ed/202/2****