

2018
(JULY)
Bachelor of Education
(Teaching of Mathematics)
Paper – B.Ed/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. Enumerate the aims and objectives of teaching mathematics at secondary schools. (5+7=12)
2. What is the nature of mathematics? Discuss the values of teaching mathematics at secondary schools. (4+8=12)
3. Explain how mathematics is correlated with other subjects. (12)
4. With the help of suitable examples, discuss the different methods of curriculum arrangement. (12)
5. With the help of suitable examples, discuss the nature, merits and limitations of inductive-deductive method of teaching mathematics. (2+5+5=12)

6. Explain the steps of problem solving method with suitable examples. Discuss the feasibility of using problem solving method in teaching mathematics at secondary school level. (7+5=12)
7. Describe in detail the purpose, organization and activities of mathematics club. (4+4+4=12)
8. What do you mean by lesson plan? Select any topic from secondary school mathematics syllabus and prepare a lesson plan. (2+10=12)
9. Write short notes on *any two* of the following: (2x6=12)
- (a) Vedic mathematics
 - (b) Unit plan
 - (c) Mathematics laboratory
 - (d) Contribution of Aryabhata to Mathematics

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