

Roll No.

Total Pages : 4

44512/N

K-5/2114

TEACHING OF MATHEMATICS

Paper-1104 and 1105T

Option-(ix)

Semester-I

Time Allowed : 1½ Hours] [Maximum Marks : 35

Note : The candidates are required to attempt **one** question each from Sections A and B carrying 12 marks each and the entire Section C consisting of 5 short answer type questions carrying 2 marks each and **one** objective type question of one mark.

SECTION—A

1. Define Mathematics in detail explain its nature and scope. 12

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2. Explain the contribution of Ramanujan in detail. 12

SECTION—B

3. Explain Bloom's Taxonomy of Educational objective in Mathematics. 12
4. What is the meaning of Pedagogical analysis ? Explain its need and procedure for continuing pedagogical analysis in mathematics. 12

SECTION—C

5. Write short notes on the following :
- (i) Hypothesis in Mathematics. 2
 - (ii) Importance of Mathematics. 2
 - (iii) Vocational Value of Mathematics. 2
 - (iv) One important contribution of Pythagoras in Mathematics. 2
 - (v) Sum of three angles of a triangle is 180° . Write its objective in behavioral terms. 2
 - (vi) Which of the following is the domain of learning according to bloom ? 1
 - (a) Professional.
 - (b) Experimental.
 - (c) Social.
 - (d) Affective.