

**PC-6102/N**

**J-10/2119**

**TEACHING OF MATHEMATICS – IV & V (IX)**

Time : 1 hours 30 min]

[Maximum Marks : 35

**Note** : Attempt *one* question each from Sections A and B carrying 10 marks each and the entire Section C. Each question carries 3 marks.

**SECTION – A**

- I. Write about nature of Mathematics? Write about values of Mathematics in detail. (4,6)

OR

- II. Elaborate on contribution of world famous mathematician Euclid in the field of Mathematics. (10)

**SECTION – B**

- III. Explain Bloom's taxonomy of educational objectives for cognitive domain by giving suitable examples. (10)

OR

- IV. What do you mean by Pedagogical analysis? Write procedure for continuing pedagogical analysis? (3, 7)

## SECTION - C

(Compulsory)

V. Write short notes on the following :

- (a) Importance of Mathematics.
- (b) Axioms and assumptions in Mathematics.
- (c) Historic development of notations and hypothesis in Mathematics.
- (d) Objectives of Teaching Mathematics in secondary schools.
- (e) Need of pedagogical analysis. (3×5=15)