

PC-12212/N

M-5/2115

TEACHING OF MATHEMATICS-1104T & 1105T (ix)
(Semester-I)

Time : 1.5 Hours]

[Maximum Marks : 35

Note : 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 carrying 1 mark.

SECTION-A

- I. Explain the meaning, nature and importance of Mathematics. (12)
- II. Write short notes on :
 - (a) Historical development of notions.
 - (b) Hypotheses and Axioms. (12)

SECTION-B

- III. Explain Bloom's Taxonomy of writing of instructional objectives in mathematics. (12)
- IV. What do you mean by pedagogical analysis of content material in teaching of mathematics? Explain by laying emphasis on the need of such analysis. (12)

SECTION-C

(Compulsory Question)

V. Write short notes on :

1. Postulates.
2. Role of mathematics in daily life.
3. Aims of teaching of mathematics.
4. Classification of content for fractions.
5. Social values of mathematics. $(5 \times 2 = 10)$
6. Bloom's Taxonomy of writing of instructional objectives was introduced in year.

(a) 1976

(b) 1956

(c) 1965

(d) 1967.

(1)