

Register Number :

Name of the Candidate :

1 6 2 8

M.Sc. DEGREE EXAMINATION, 2008

(MATHEMATICS)

(FIRST YEAR)

(PAPER - VI)

**560. ANALYTICAL MECHANICS AND
THEORY OF RELATIVITY**

(New Regulations)

May]

[Time : 3 Hours

Maximum : 100 Marks

SECTION - A (8 × 5 = 40)

Answer any EIGHT questions.

Each question carries FIVE marks.

1. Derive the equations of motion of a particle in rectangular co-ordinates.

Turn over