

May-June 2011

Total No. of Questions—12]

[Total No. of Printed Pages—8+4

[3962]-116

S.E. (Mechanical) (Second Semester) EXAMINATION, 2011

THEORY OF MACHINES—I

(2008 PATTERN)

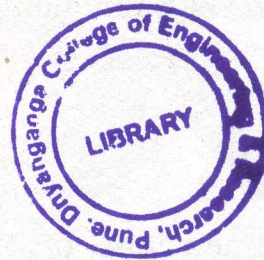
Time : Four Hours

Maximum Marks : 100

- N.B. :—
- (i) Solve Graphical problems and its calculation on drawing sheets (Half imperial size).
  - (ii) Answer *three* questions from Section I and *three* questions from Section II.
  - (iii) Answers to the two Sections should be written in separate answer-books.
  - (iv) Neat diagrams must be drawn wherever necessary.
  - (v) Figures to the right indicate full marks.
  - (vi) Use of logarithmic tables, slide rule, Mollier chart, electronic pocket calculator and steam tables are allowed.
  - (vii) Assume suitable data, if necessary.

SECTION I

Unit I



1. (a) Define :

- (i) Kinematic link
- (ii) Kinematic pair
- (iii) Kinematic chain
- (iv) Mechanism.

[4]

P.T.O.

