

S.E. (Mechanical) (I Sem.) EXAMINATION, 2011

MANUFACTURING PROCESSES

(2008 PATTERN)

Time : Three Hours

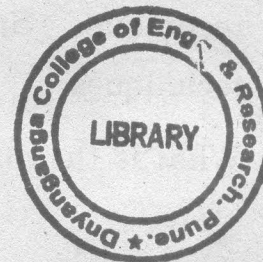
Maximum Marks : 100

- N.B. :— (i) Attempt *one* question from each Unit of Section I and Section II.
- (ii) Answers to the two Sections should be written in separate answer-books.
- (iii) Figures to the right indicate full marks.
- (iv) Neat diagrams must be drawn wherever necessary.
- (v) Use of non-programmable electronic pocket calculator is allowed.
- (vi) Assume suitable data, if necessary.

SECTION I

UNIT I

1. (a) State the principles of centrifugal casting and state its types, advantages and limitations. [8]
- (b) Write down the procedure for the following sand tests : [8]
- (i) Moisture content test
- (ii) Permeability test
- (iii) Clay content test
- (iv) Compression strength test



P.T.O.

