

Nov - Dec - 2012

Total No. of Questions—12]

[Total No. of Printed Pages—4

Seat No.	
-------------	--

[4262]-115

S.E. (Mech.) (I Sem.) EXAMINATION, 2012

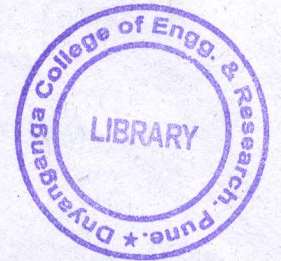
MANUFACTURING PROCESSES

(2008 PATTERN)

Time : Three Hours

Maximum Marks : 100

- N.B. :-** (i) Answer *three* questions from Section I and *three* questions from Section II.
- (ii) Answers to the two Sections should be written in separate answer-books.
- (iii) Neat diagrams must be drawn wherever necessary.
- (iv) Use of logarithmic tables, slide rule, Mollier charts, electronic pocket calculator and steam tables is allowed.
- (v) Assume suitable data, if necessary.



SECTION I

1. (a) Mention the ingredient present in the moulding sand and its effect on the properties of moulding sand. [6]
- (b) What is Core ? Briefly discuss any *three* types with suitable sketch. [6]
- (c) Explain the following casting defects and its remedies :
- (i) Shrinkage cavity
- (ii) Mismatch
- (iii) Swell. [6]

P.T.O.

