

May - June - 2012

Total No. of Questions—12] ✓

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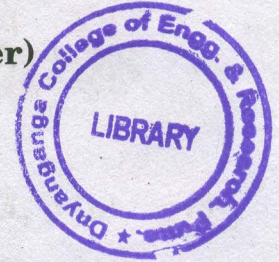
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S.E. (Computer Engineering) (Second Semester)

EXAMINATION, 2012

COMPUTER ORGANISATION

(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) Figures to the right indicate full marks.

SECTION I

1. (a) Explain Booth's algorithm to multiply the following pair of signed two's complement numbers : [10]
- A = 15 multiplicand
- B = -6 multiplier.
- (b) Draw and explain Von Neumann Architecture. [8]

P.T.O.



