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Total No. of Questions—12]

[Total No. of Printed Pages—4

[3862]-214

S.E. (Computer Engineering) (First Semester) EXAMINATION, 2010

DATA STRUCTURES AND ALGORITHMS

(2008 COURSE)

Time : Three Hours

Maximum Marks : 100

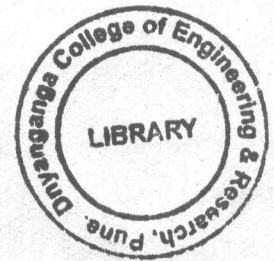
N.B. :- (i) Answer any *three* questions from each Section.

(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.

(v) Assume suitable data, if necessary.



SECTION I

1. (a) What is call by value and call by reference ? Explain with *one* example for each. [8]

(b) Write a 'C' program to shift elements of an integer array one location ahead. Element present at last location of array should be shifted on first location of the array. Write separate functions for accepting array, shifting array, displaying array etc. [8]

P.T.O.

