

May-June
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Total No. of Questions—12]

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S.E. (Computer Engineering)
(First Semester) EXAMINATION, 2010
DATA STRUCTURE AND ALGORITHMS
(Theory)
(2008 COURSE)

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.
- (v) Assume suitable data, if necessary.

SECTION I

1. (a) Explain in brief, the different storage classes of variables in a 'C' function with examples. [8]
- (b) Write a 'C' program to :
- (i) Read a matrix 'A' of real numbers of size $m \times n$.
- (ii) Calculate the mean of the elements of matrix 'A'.

P.T.O.

