

Total No. of Questions—12]

[Total No. of Printed Pages—7

[3662]-204

S.E. (Computer Engineering) (I Sem.) EXAMINATION, 2009

DATA STRUCTURES AND ALGORITHMS

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

SECTION I

1. (a) Write the following statements in 'C' : [4]
- (i) print the address of a float variable 'P'.
 - (ii) declare and initialize an array to four characters, *a*, *b*, *c*, *d*.
 - (iii) declare a pointer to a function *f* which accepts integer as parameter and does not return anything.
 - (iv) read a string which will contain only alphabets.

P.T.O.

