

NOV-DEC
2011

Total No. of Questions—12]

[Total No. of Printed Pages—4+2

[4062]-202

S.E. (Computer Engg.)

(First Semester) EXAMINATION, 2011

PROGRAMMING AND PROBLEM SOLVING

(2008 PATTERN)

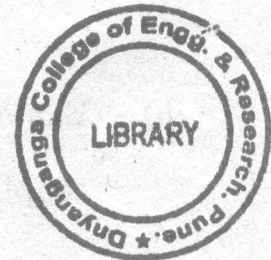
Time : Three Hours

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) Develop a flow chart for the instructions for withdrawing money from an ATM machine. Be sure to include all steps, such as card validation. [8]
- (b) Evaluate for $A = 5$, $B = 3$ and $C = 2$: [8]
- (i) $F = A * C \setminus (A + C)$
- (ii) $F = 3 * B / A ^ 2$
- (iii) $F = (A + 7 - C) \text{ MOD } B$
- (iv) $F = (C * (B + 3 * A) + 5 * A) / C.$



P.T.O.

