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 \ (A + C)

(*ii*) F = 3 * B / A ^ 2

(*iii*) F = (A + 7 – C) MOD B

(*iv*) F = (C * (B + 3 * A) + 5 * A) / C.

P.T.O.