PGDCA / MCA (I Yr) / BCA

Term-End Examination

June, 2008

CS-03 : FILE STRUCTURE AND PROGRAMMING IN COBOL

Time : 2 hours   *Maximum Marks : 60*

Note :

   (i)   *Question number 1 is **compulsory**.*

   (ii)   *Answer any **three** questions from the rest.*

1. (a) A recruitment organization maintains the record of resumés of the applicants. Write a program in COBOL to arrange resumés in the ascending order of state, city and name.   10

    (b) Write the data and procedure division of a COBOL program to display the books which have been purchased before 1997 in the college library.   10

    (c) Explain the creation and updation process of relative-file organization. How is it different from sequential and index sequential file organizations ? Explain with an example.   10

2. (a) What is the purpose of PERFORM statement in COBOL ? Explain three forms of PERFORM statements with the help of an example for each. 5

   (b) Write the procedure division to calculate the division (I, II, III, fail) of the students, based on marks in five subjects. 5

3. (a) What is the use of FILLER statement in COBOL ? Explain with three suitable examples. 5

   (b) How are WRITE and REWRITE statements used in index-sequential file organization ? Write the major formats of the statement used in COBOL. 5

4. (a) What is the purpose of MOVE statement in COBOL ? Write one example to explain the use of Moving number and literals. 5

   (b) Explain the effect of 9, V, $, Z and * in the PICTURE values for the source items. Indicate its effect on the receiving items with an example. 5

5. Explain the use of the following COBOL verbs/statements with the help of an example each : 5

   (i) MERGE

   (ii) CLOSE

   (iii) ACCEPT

   (iv) WRITE

   (v) EXIT