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SIIS 212 B-2K12
B.Sc. IIIrd Semester Degree Examination
Computer Science
Information System Analysis and Design and COBOL
Paper - CS - 301

Time : 3 Hours

Maximum Marks : 80

I Answer the following.

(15×1=15)

- 1) What is the major goal of human resource management ?
- 2) When questionnaires are used?
- 3) What is the Primary aim of cost-benefit, analysis?
- 4) What is context diagram?
- 5) What is tuple?
- 6) When third form normalization is required?
- 7) Why we need normalization of relations?
- 8) What is online data entry?
- 9) When Video displays are used?
- 10) Write four invalid data names of COBOL
- 11) What is editing in COBOL?
- 12) Define STOP-RUN verb of COBOL.
- 13) Define GO TO verb of COBOL
- 14) What would be the value of B and C after executing DIVIDES 5 INTO A GIVING B C (When A=20)
- 15) What is sign condition

II Answer any five of the following .

(5×5=25)

- 16) What is feasibility analysis? Why it is essential before designing a system?
- 17) What kinds of information are necessary in human resource management system?

- 18) How Computer-based information system helps to run organization efficiently?
- 19) List out the Leveling rules of DFDs
- 20) Explain COBOL coding sheet .
- 21) What are the rules of constructing arithmetic expressions?
- 22) Explain the significance of picture clause in COBOL

III Answer any **four** of the following.

(10×4=40)

- 23) What are the important tasks should be performed by a system analyst? Explain.
 - 24) Explain the importance of interviewing technique in information gathering.
 - 25) Explain entity Relationship model with an example.
 - 26) What is condition? Explain the rule of conditional name condition in COBOL
 - 27) Write a COBOL program to find the largest of five numbers.
 - 28) Write a COBOL program to sort the records of a file with input and output procedures.
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