Unit-I V

8. Discuss various techniques of knowledge Management system. **15**

9. (a) Discuss the structure of knowledge management system. **7 ½**

   (b) Discuss various types of knowledge management system. **7 ½**

A (Printed Pages 4)

Roll No. _____

SFS-4718

B.C.A. (Semester-VI) Examination, May 2015

(New Syllabus)

Paper - IV

(BCA-S-310)

Time Allowed : Three Hours]   [Maximum Marks : 100

Note : Answer five questions in all. Question No.1 is compulsory. Attempt one question from each unit.

1. (a) What do you mean by decision making? Discuss various characteristics of decision making. **4×10=40**

   (b) Discuss various phases of decision making process and explain how it helps in Business Decisions?

   (c) Differentiate between operational and Informational Data store with example.

(d) Define Data Warehouse. Also write various characteristics of data warehouse.

(e) What do you mean by Data Marts? Give example.

(f) What do you mean by OLAP? Differentiate between MOLAP and ROLAP.

(g) What is Metadata? Explain with example.

(h) Illustrate the concept of "Expert System".

(i) Differentiate between knowledge base and Database.

(j) What do you mean tacit knowledge? Give examples.

Unit - I

2. What do you mean by Decision support system? Discuss various characteristics of DSS. And Briefly explain Herbert A.Simon's Decision support system. 15

3. Write short note on following: 5×3=15

(a) Modeling Decision Process.

(b) Group ware Technologies.

(c) Group Decision Support.

Unit - II

4. Describe the architecture of Data warehouse with a neat diagram of Data warehouse environment. Also differentiate between two-tier data warehouse architecture and multitiered data warehouse architecture. 15

5. (a) Explain how Executive Information System (EIS) works as Management support system. 7½

(b) Discuss various Access tools for data warehousing. 7½

Unit - III

6. What do you mean by data mining? And what are it's component? Also describe various techniques of data mining. 15

7. (a) Discuss the process of knowledge discovery in data base. 7½

(b) Write short note on following: 7½

(i) Relational database

(ii) Transactional database

(iii) Object Relational database