

18029 (CV-II)

B.C.A. Examination, June-2021

Knowledge Management

(BCA - 604)

Time : 1½ Hours / [Maximum Marks : 75

Note : Attempt questions from **all** Sections
as per instructions.

Section-A

(Very Short Answer Questions)

Note : Attempt any **two** questions. Each
question carries 7.5 marks. Answer
should not exceed 75 words. $2 \times 7.5 = 15$

1. What is knowledge? How do we capture and share knowledge?
2. What is data mart? How does it differ from data warehouse?

P.T.O.

3. Define/Explain any three terms:
Information, Groupware, Data cube,
Cluster
4. What is group decision making? Explain
with example.
5. How is a data warehouse different from a
database? How are they similar?

Section-B

(Short Answer Questions)

Note : Attempt any **one** question. Each
question is 15 marks. Descriptive
answers should not exceed 200
words. $1 \times 15 = 15$

6. Discuss the relevance of a Decision
Support System in an organization.
7. Write a note on Online Analytical
Processing.
8. Mention the motivation behind the
evolution of data mining. Give an
example where data mining is crucial to
success of a business.

18029(CV-II)/2

Section-C

(Detailed Answer Questions)

Note : Attempt any **two** questions. Each question is of 22.5 marks. Answer is required in detail? $2 \times 22.5 = 45$

9. Write down the objectives of designing an expert system. Give the benefits and limitations of expert systems. Discuss the significance of artificial intelligence in an expert system Development.
10. (a) Discuss organizational knowledge hierarchy.
- (b) What is Group Decision Support System? Discuss its usefulness for an organization.
11. (a) Discuss multi-dimensional data model.

(b) Describe the steps involved in data mining when viewed as a process of knowledge discovery.

12. What do you mean by 'Data Mining'? What kind of data can be mined? Explain the architecture of a data mining system.
13. Write short note on any **two** of following:
- (i) Knowledge Acquisition, Sharing and Utilization
 - (ii) Decision Support System (DSS) tools
 - (iii) Business Intelligence