

D
(20721)
BCA - VI Sem.

(Printed Pages 4)
Roll No.

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?

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.

P.T.O.

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