

Roll No.

Paper Code – BCA 5001

BCA 3rd Year (Semester-V) EXAMINATION, 2023-24

KNOWLEDGE MANAGEMENT

PAPER-I

Time : Two Hours]

[Maximum Marks : 75

Note- This paper consists of three Section A, B and C. Carefully read the instructions of each Section in solving the question paper. Candidates have to write their answers in the given answer-copy only. No separate answer-copy (B Copy) will be provided.

Section-A

(Short Answer Type Questions)

Note- All questions are compulsory. Answer the following questions as short answer type questions. Each question carries 5 marks.

1. (A) Explain AI and its goals.
(B) What is Expert System ? Explain various components of expert system ?
(C) Differentiate between OLAP and OLTP.

- (D) What is knowledge management ? Explain its types.
- (E) Explain the steps involve in knowledge management process ?
- (F) What is business intelligence ? Explain its advantages?
- (G) What is a decision-making process ? Explain steps involved in decision making process.
- (H) Explain the advantages and disadvantages of GDSS .
- (I) What is executive support system ? Explain its advantages .

Section-B

(Long Answer Type Questions)

Note- This section contains four questions from which **one** question is to be answered as long question. Each question carries 15 marks.

2. Define data warehouse ? Explain characteristics of data warehouse ? Why do we need data warehouse ?

(Or)

3. Briefly explain requirement for knowledge management system.

(Or)

4. Describe the differences and similarities between data mining and business intelligence. How are they related?

(Or)

5. Explain types of knowledge with neat diagram.

Section-C

(Long Answer Type Questions)

Note- This section contains four questions from which **one** question is to be answered as long question. Each question carries 15 marks.

6. Explain the advantages, disadvantages and applications of data mining.

(Or)

7. What do you understand by genetic algorithms ? Explain.

(Or)

8. Differentiate between OLAP and OLTP ?

(Or)

9. Write short notes on (any two) :

(a) Classification

(b) Clustering

(c) Outlier detection

....