

Roll No. : 22015000729

Total No. of Questions : 9] [Total No. of Printed Pages : 4

BCA-5001

BCA (Semester-V) (NEP) Examination, 2024-25

(Major)

COMPUTER APPLICATION

[Paper : First]

(Knowledge Management)

Time : 2 Hours]

[Maximum Marks : 75

Note :1. Attempt questions from all sections as directed.

2. The candidates are required to answer in serial order only. If there are many parts of a question, answer them in continuation.

3. "B" Copy will not be provided.

Section-A

(Short Answer Type Questions)

Note : All questions of this section are **compulsory**. Each question carries 5 marks. [9×5=45]

1. (a) What do you mean by Data Information and Knowledge?
- (b) What is Supervised Learning? List supervised learning algorithms.
- (c) What is Modeling Decision Process?
- (d) What do you understand by Business Expert System?
- (e) What do you mean by Multidimensional Analysis?
- (f) What is Data Mining?
- (g) What do you understand by Business Intelligence?
- (h) What is the difference between explicit and tacit knowledge?
- (i) What is Artificial Intelligence? Explain.

Section-B

(Long Answer Type Questions)

Note : This section consists of **four** questions. Attempt **any one** question. Each question carries **15** marks. [1×15=15]

2. What is Data Mart? How does a data warehouse differ from data mart?
3. What are data mining techniques? Explain
4. Give the significance of AI in knowledge management.
5. Explain the various processes used in business intelligence. Also explain its applications and tools.

Section-C

(Long Answer Type Questions)

Note : This section consists of **four** questions. Attempt **any one** question. Each question carries **15** marks. [1×15=15]

6. Explain knowledge management life cycle.
7. What is Expert System? How and where it works? Explain its benefits and limitations.

8. Write the difference between OLTP and OLAP.

9. What is Decision Tree? Explain.

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