

Seat No. : 360

AS-126

April-2024

B.C.A., Sem.-II (as per NEP-2020)

IDC_BCA_124T : Data Management Software of Business

Time : 1:00 Hour]

[Max. Marks : 25

1. Write the following :

- (1) Explain the role of Artificial Intelligence in detail. 5
- (2) Explain the Epilogue : The Power of Data in detail. 5

OR

- 1. (1) Explain Data analytics in ancient times in detail. 5
- (2) Explain the methodology and description of AI in Ancient Indian Texts in detail. 5

2. Write the following :

- (1) What is difference between Data and Information ? 5
- (2) What are the advantages and disadvantages of DBMS ? 5

OR

- 2. (1) What is Relationship ? Explain various types of Relationship. 5
- (2) Explain various features of ER Model in detail. 5

3. Answer the following : (Any Five) 5

- (1) _____ refers to an abstract model that we use to manage and organize the data that gets stored in a database.

- (A) The relational model (B) The inter-relational model
- (C) The traditional model (D) None of these

- (2) _____ are another word for rows.

- (A) Tuples (B) Records
- (C) Both (A) and (B) (D) None of these

- (3) _____ is a column of a table or a set of columns that helps to identify every record present in that table uniquely.

- (A) Candidate Key (B) Composite Key
- (C) Primary Key (D) Super Key

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- (4) All the keys which did not become the primary Key are called _____.
(A) Alternate Keys (B) Unique Keys
(C) Foreign Keys (D) None of these
- (5) Returns a relation consisting of all tuples appearing in the first and not the second of two specified relations.
(A) Union (B) Difference
(C) Intersect (D) Product
- (6) Super Key is the set of all the keys which help to identify rows in a table uniquely.
(A) True (B) False
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