



RAN-2411000901022003

B.C.A. (NCF -NEP)(A.I. & D.A.) (Sem. - I) Examination November - 2025

105 - 02- Data Processing and Analysis (TH)

Time: 1 Hour]
[Total Marks: 25
સૂચના : / Instructions

- (1) ઉપરોક્ત દર્શાવેલ વિગતો ઉત્તરવહી પર અવશ્ય લખવી.
Fill up strictly the above details on your answer book

Seat No.:

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Student's Signature

Q. 1 (A) Choose appropriate correct option (Any Four)
04

- Which of the following is used to create a graphical representation of data in a spreadsheet?
 - Table
 - Formula
 - Chart
 - Cell
- Which chart type shows relationships between two sets of data using dots?
 - Line Chart
 - Scatter Plot
 - Pie Chart
 - Area Chart
- Which of the following is NOT a type of database model?
 - Relational Model
 - Network Model
 - Spreadsheet Model
 - Hierarchical Model
- Which of the following is not logical operator in SQL?
 - AND
 - OR
 - NOT
 - EXISTS
- Which SQL command is used to retrieve data from a database?
 - GET
 - SELECT
 - EXTRACT
 - FETCH

(B) Answer in Short (Any Four)
04

- What is full form of SQL?
- What is transitive dependency?
- Give any one-to-many relationship example?
- How to hide and freeze panes in worksheet? What is use of freeze panes?
- Which clause groups rows by column values?

Q. 2 Answer the following:
09

- A. What is Workbook? Explain its components.

05
OR

- A. Discuss any four Date and day functions of worksheet.

05

- B. What is Key? Explain Primary and Foreign key in DBMS.

04

Q. 3. Answer the following (Any 2)

08

- a) Explain DDL statements.
 - b) Explain DML statements.
 - c) Explain SQL aggregate functions.
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