

**December - Examination 2025**

**PGDCA/MSCCS (Previous)/MCA (I Year) CAWD Examination**

**APPLICATION SOFTWARE AND WEB DESIGNING**

**Paper : PGDCA-02/MSCCS-02/PGDCA-102/MSCCS-102/MSCCSC-102/MCA-02/CAWD**

[Time: 3 Hours ]

[ Maximum Marks: 80]

**Note :-** The question paper is divided into three Sections A, B and C. Write answers as per the given instructions.

**Section-A**

**8×2=16**

**(Very Short Answer Type Questions)**

**Note :-** Answer **all** questions. As per the nature of the question delimit your answer in one word, one sentence or maximum up to **30** words. Each question carries **2** marks.

1. (i) Identify the use of primary key.
- (ii) Write the use and syntax of the SUM function.
- (iii) Identify the use of Data Validation.
- (iv) Define DDL and DML.
- (v) Define hyperlink in HTML.
- (vi) Define computer virus.
- (vii) What is the use of the Undo and Redo commands?
- (viii) What is the purpose of the WHERE clause in SQL?

**Section-B**

**4×8=32**

**(Short Answer Type Questions)**

**Note :-** Answer **any four** questions. Each answer should not exceed **200** words. Each question carries **8** marks.

2. How do you use Find, Replace and Go To in MS Word?
3. Explain the Mail Merge process in detail.
4. What are formulas in Excel? Give examples of any three.
5. Describe the steps to sort and filter data in Excel.
6. What are the steps to create a PowerPoint presentation?
7. Explain different database models with examples.
8. Describe XML elements and attributes with examples.
9. Identify the role and importance of antivirus software in virus detection.

**(Long Answer Type Questions)**

**Note :-** Answer **any two** questions. You have to delimit your each answer maximum up to **500** words. Each question carries **16** marks.

10. Write a detailed procedure to perform text formatting, page formatting and paragraph formatting in MS Word.
11. Define the normalization and explain 1NF, 2NF, 3NF and BCNF with examples.
12. Write SQL commands with example to Create, Insert, Modify and Delete records in a table.
13. What is XML? Explain its structure, syntax rules and advantages over HTML.

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