

Exam Code: 408802
(30)

Paper Code: 2283

Programme: Diploma in Computer Applications
Semester-II

Course Title: Database Management System

Course Code: DCAL- 2111



Time Allowed: 3 Hours

Max Marks: 70

Note: There are eight questions of equal marks (14 marks each). Candidates are required to attempt five questions, selecting at least one question from each section. The fifth question may be attempted from any section.

Section A

1. Explain the term database management system. Also write its three level architecture.
2. a) Write various components of DBMS.
b) What do you mean by mappings?

Section B

3. Explain the Relational data model of DBMS.
4. a) What is the need of normalization? Explain 2NF.
b) Explain Primary key and Foreign key.

Section C

5. a) Explain the features of Oracle.
b) What are the advantages of view?
6. Explain the sub languages of SQL.

Section D

7. a) What is the use of PL/SQL?
b) Explain %type and % row type variable attributes in PL/SQL
8. Write a note on the following
 - a) SQL Vs PL/SQL
 - b) Control statement
 - c) Advantages of PL/SQL
 - d) Rules of naming variables.

Exam Code: 408802
(30)

Paper Code: 2284

Programme: Diploma in Computer Applications
Semester-II

Course Title: Internet Applications

Course Code: DCAL - 2112 ✓

Time Allowed: 3 Hours

Max Marks: 70

Note: Attempt FIVE questions by selecting at least ONE question from each section. You can attempt Fifth question from any section. All questions carry equal (14) marks. Use of non-programmable calculator is allowed.

SECTION A

1. What is an internet? Explain its working and applications.
2. What is an email? Explain its advantages and disadvantages.

SECTION B

3. What do you mean by WWW? Explain web browsing procedure in detail.
4. Explain in brief various payment methods used these days?

SECTION C

5. Define HTML. Explain any ten tags of HTML with their purpose and HTML code.
6. What do you mean a LIST in HTML? Explain all options available in and tags.

SECTION D

7. What do you mean by CSS? Explain advantages and limitations of CSS.
8. What types of options are available in CSS? Explain with examples.