S. S. Jain Subodh PG (Autonomous) College, Jaipur

PGDCA Semester-II, 2024

Database Management System – PDCA201

Assignment

Attempt any two questions.

Unit I

1. Explain the architecture of a Database Management System.
2. Explain the following:
   a) Instance & Schemas
   b) DDL & DML
   c) Data Independence

Unit II

1. Explain E-R Model in detail with the help of a diagram.
2. Explain the following relational algebra operations:
   a) SELECTION
   b) CARTESIAN PRODUCT
   c) PROJECTION

Unit III

1. Discuss the Concurrency Control techniques in detail.
2. Explain the following:
   a) Transaction
   b) Boyce codd NF
   c) Third Normal Form

Unit IV

1. What is SQL? Explain the characteristics of SQL in detail.
2. Explain the following aggregate functions:
   a) Join
   b) Union
   c) Intersection

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PGDCA Sem.-II
Post Graduate Diploma in Computer Application
PDCA203- Desktop Publishing (DTP)
Assignment

Attempt any two   **10 Marks**

Unit I

Explain user Interface of Page Maker. Explain with diagram.
Explain fill, stroke, fill and stroke with diagram.

Unit II

What do you mean by Edit story? Explain steps and draw diagram.
How we use Polygon in PageMaker? Write different polygon settings.

Unit III

Explain different types of Selection tools and Magic wand tool with example.
Explain different tools available in tool Box in Photoshop.

Unit IV

Differentiate between Raster and Vector image.
How we create a visiting card in Corel Draw? Explain steps with diagram.

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PGDCA II Semester 2023-2024

PDCA-202 Object Oriented Programming Concepts

Assignment

Note: attempt any two questions-

Unit I

1. Discuss various control statements supported by C++.
2. What do you mean by Operator? Explain different operators available in C++.

Unit II

3. What do you mean by parameter passing in function? Explain call by value and call by reference with suitable example.
4. What is Array? Explain the declaration and initialization of Array with help of suitable example.

Unit III

5. What are constructor and its characteristics? Define Parameterized Constructor with example.
6. Explain about Friend function giving suitable example.

Unit IV

7. What is Inheritance? How many types of Inheritance in C++? Write a program in C++ to demonstrate Multiple Inheritance?
8. (a) Describe File handling Functions?
    (b) Write a program to read data from file and also print them to another file.

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PGDCA Sem.-II
Post Graduate Diploma in Computer Application
PDCA203- Desktop Publishing (DTP)
Assignment

Attempt any two questions from any unit.

Unit I
1. Explain user Interface of Page Maker. Explain with diagram.
2. Explain fill, stroke, fill and stroke with diagram.

Unit II
3. What do you mean by Edit story? Explain steps and draw diagram.
4. How we use Polygon in PageMaker? Write different polygon settings.

Unit III
5. Explain different types of Selection tools and Magic wand tool with example.
6. Explain different tools available in tool Box in Photoshop.

Unit IV
7. Differentiate between Raster and Vector image.
8. How we create a visiting card in Corel Draw? Explain steps with diagram.

S.S. Jain Subodh P.G. (Autonomous) College

PGDCA II Semester 2024
Subject –Tally (PDCA-204)
ASSIGNMENT

Attempt any two questions.

UNIT – I

Q.1 What is Tally ? Discuss various features of Tally.

Q.2 What is accounting ? Explain Types of account in detail.

UNIT – II

Q.3 Write down the steps to create, display and alter a company in Tally

Q.4 What is Vouchers ? Explain Different types of Vouchers of Tally.

UNIT – III

Q.5 What is invoicing ? Write down steps to create a sales and purchase invoice in Tally

Q.6 What are orders ? Explain steps to create sales and purchase order in Tally.

UNIT – IV

Q.7 What is VAT ? How will you create a vat sales and purchase invoice in tally

Q.8 Write down about TDS. How will you deduct TDS in tally .

S. S. JAIN SUBODH P.G.(AUTONOMOUS) COLLEGE, JAIPUR

Affiliated to University of Rajasthan, Jaipur

PDCA 205 Semester II, April 2024

Assignment

Subject: Data Communication and Computer Network

Paper Code: PDCA 205

Max. Marks: 10

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Instructions to the Candidates

NOTE: Attempt any two questions   (5X2=10 marks)

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Unit - I

1) What do you mean by Systems? Explain all type of systems.

2) Explain SDLC.

Unit - II

3) Discuss Fact Finding techniques.
4) Define Feasibility Analysis.

Unit – III

1) Explain any two tools for Structured Analysis.
2) Explain any two tools used in information gathering.

Unit – IV

3) What is system Testing? Explain its types.

4) Explain following
   a) Data Security
   b) Disaster/Recovery
   c) Risk Analysis