

## **PREPARE A PROJECT REPORTS ON THE FOLLOWING GROUNDS**

### **REQUIREMENTS**

**1.Hand drawing front page with institute name & LOGO 2. Objectives.  
3. Acknowledgement. 4. Certification. 5.Table of Contents 6. Conclusion  
7. Reference Book or Website**

### **PGDCA 1<sup>st</sup> Semester JUNE 2025 EXAMINATION Students**

#### **Paper 101 Fundamentals of Computers**

**Answer the followings: -**

**Marks 20**

Q.NO1:-Explain the concept of computer memory, differentiate between RAM and ROM.

Q.NO2:-Briefly discuss the importance of input and output devices in a computer system.

Q.NO3:-Describe the difference between sequential and parallel processing. How do they impact the performance of a computer system?

Q.NO4:-Explain the concept of computer networks. What are the different types of network, and what are their purposes?

#### **Paper 102 Application Programs**

**Answer any 2 of the followings: -**

**Marks: 20**

Q.NO1: Explain the difference between a blank document and a template in Microsoft Word.

Q.NO2: Discuss the importance of data validation in Excel and how it helps ensure data accuracy and consistency.

Q.NO3: Write the appropriate steps to create a Students Report in MS Access including:

**Roll No ,Name Gender ,Address ,Course, Mobile No , Birth Certificate ,  
Picture ,Date of Admission ,Fees**

#### **Paper 103 Operating system & DBMS with SQL server**

**Answer the followings:-**

**Marks: 10+10 =20**

Q.NO1:-What is MS-DOS and what role did it play in the history of personal computing?

Q.NO2:-Explain the difference between Data Definition Language (DDL) and Data Manipulation Language in SQL.

#### **Paper 104 DATA ANALYTICS & AI CYBER SECURITY & ETHICAL HACKING**

**Answer any 1 of the followings:-**

**Marks: 10**

Q.NO1: What is Artificial Intelligence? What are the various components of AI ?

QNO2: What tools are commonly used for data analysis ?

QNO3: What is ethical hacking? What are the different types of hackers?

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