



## 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 1ST SEMESTER STUDENTS (JUNE 2026 EXAMINATION)**

#### PAPER 101-FUNDAMENTALS OF COMPUTERS & OPERATING SYSTEMS

##### **Answers the followings**

**Marks: 5x4 = 20**

- Q.No1: Explain the basic components of a computer system with suitable examples.
- Q.No2: What is an Operating System? Explain different types of Operating Systems with examples.
- Q.No3: Differentiate between RAM and ROM. Explain their uses in a computer system.
- Q.No4: Explain the different input and output devices of a computer with examples

#### PAPER 102 – ADVANCE COMPUTER APPLICATION PROGRAMMES (OFFICE AUTOMATION)

##### **Answers any 2 of the followings**

**Marks: 10x2 = 20**

- Q.No1: Explain the importance of MS Excel. Write steps to create a mark sheet using formulas and functions.
- Q.No2: What is MS PowerPoint? Explain the steps to create a presentation and apply slide transitions.
- Q.No3: Explain Mail Merge in MS Word. Write steps to create invitation letters for multiple users.

#### PAPER 103- DATABASE MANAGEMENT SYSTEM

##### **Answers the followings**

**Marks: 10x2= 20**

- Q.NO1: Define Database Management System (DBMS). Explain its objectives and advantages.
- Q.NO2: Explain the difference between Primary Key, Foreign Key, and Candidate Key with examples.

#### PAPER 104 – DATA ANALYTICS & AI CYBER SECURITY & ETHICAL HACKING

**Marks: 5x2 = 10**

##### **Answers any two (2) the followings**

- Q.NO1: What is Data Analytics? Explain its importance and applications.
- Q.NO2: Explain the role of Artificial Intelligence (AI) in modern technology with examples.
- Q.NO3: Define Cyber Security. Explain any five methods to protect a computer system from cyber threats.

#### **Important Instruction:**

**The project submission will take place on the day of the Practical Examination, followed by a Viva Voice Test.**