



PREPARE A PROJECT REPORTS ON THE FOLLOWING GROUNDS

REQUIREMENTS

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| 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 (DECEMBER 2025 EXAMINATION)

PAPER 101 FUNDAMENTALS OF COMPUTER

Answer the followings

Marks: 5+5+5+5 = 20

- Q.NO1: Explain the different types of computer software with examples.
Q.NO2: Define computer virus. What are the common types of viruses and their effects?
Q.NO3: What is secondary storage? Compare Hard Disk, SSD, and Optical Disk.
Q.NO4: Explain the characteristics of 5th Generation Computers with examples.

PAPER 102 APPLICATION PROGRAMS (MS OFFICE)

Answer any 2 of the followings:

Marks: 10+10 = 20

- Q.NO1: Explain the difference between absolute and relative cell referencing in MS Excel.
Q.NO2: Write the steps to create a chart in Excel showing sales performance of 4 products.
Q.NO3: In MS Word, explain Mail Merge. Write steps to send a common letter to 50 students.

PAPER 103 OPERATING SYSTEM & DBMS WITH SQL SERVER

Answer the followings:

Marks: 10+10 = 20

- Q.NO1: What are the functions of an Operating System? Explain any four in detail.
Q.NO2: Write the difference between Primary Key, Candidate Key, and Unique Key in SQL.

PAPER 104 DATA ANALYTICS & AI CYBER SECURITY & ETHICAL HACKING

Answer any 1 of the followings:

Marks: 10

- Q.NO1: Explain the importance of data visualization in Data Analytics. Mention tools used.
Q.NO2: What is Machine Learning? How is it different from Artificial Intelligence?
Q.NO3: Define Cyber Security. Write any 5 best practices to stay safe online.