



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 (SEPTEMBER 2026 EXAMINATION)

PAPER 101 – FUNDAMENTALS OF COMPUTER & OPERATING SYSTEM

Answers the followings

Marks: 5X4= 20

- Q.NO.1: What is Computer Generation? Explain the different generations of computers.
- Q.NO.2: What is Booting? Explain the difference between Cold Booting and Warm Booting.
- Q.NO.3: What is a Computer Network? Explain different types of computer networks.
- Q.NO.4: Explain the functions of the CPU and describe its main components.

PAPER 102 – ADVANCE COMPUTER APPLICATION PROGRAMMES (OFFICE AUTOMATION)

Answers the followings:

Marks: 10X3= 30

- Q.NO.1: What are Charts in MS Excel? Explain the steps to create a chart using worksheet data.
- Q.NO.2: What are Animations in MS PowerPoint? Explain the steps to apply animations to text and objects.
- Q.NO.3: Explain the process of creating and formatting a professional Resume in MS Word.

PAPER 103 – CORE PROGRAMMING LANGUAGES WITH C & PYTHON

Marks: 10

Answers any 1 from the followings:

- Q.NO.1: What is SQL? Explain the different categories of SQL commands with suitable examples.
- Q.NO.2: What is Data Normalization? Explain its importance in Database Management Systems.

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

Marks: 5X2=10

Answers any 2(two) from the followings:

- Q.NO.1: What is Machine Learning? Explain any four applications of Machine Learning.
- Q.NO.2: What is Phishing? Explain how users can protect themselves from phishing attacks.
- Q.NO.3: What is Data Visualization? Explain its importance and mention different types of charts used for data visualization.

Important Instruction:

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