



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 |

ADCA 1ST SEMESTER STUDENTS (SEPTEMBER 2026 EXAMINATION)

PAPER 101 – FUNDAMENTALS OF COMPUTER & OPERATING SYSTEM

Answers the followings

Marks: 5X4= 20

- Q.NO.1: What is a Computer Network? Explain different types of computer networks.
- Q.NO.2: What is Computer Virus? Explain its causes, effects, and methods of prevention.
- Q.NO.3: What is Booting? Explain the difference between Cold Booting and Warm Booting.
- Q.NO.4: Explain the functions of the Central Processing Unit (CPU) and its main components.

PAPER 102 – ADVANCE COMPUTER APPLICATION PROGRAMMES (OFFICE AUTOMATION)

Answers the followings:

Marks: 10X3= 30

- Q.NO.1: What is MS Word? Explain the steps to create and format a professional resume.
- Q.NO.2: What are Charts in MS Excel? Explain the steps to create a chart using worksheet data.
- Q.NO.3: Write the steps to do the following:
- Create a new presentation in MS PowerPoint.
 - Insert a suitable theme.
 - Add three slides with title and content.
 - Apply animation to text or an object.
 - Add slide transitions & Save and close the presentation

PAPER 103 – CORE PROGRAMMING LANGUAGES WITH C & PYTHON

Answers any 1 from the followings:

Marks: 10

- Q.NO.1: What is an Algorithm? Explain its characteristics and write an algorithm to find the largest number among two numbers.
- Q.NO.2: What is a Function in Programming? Explain the different types of functions with suitable examples.

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

Answers any 1 from the followings:

Marks: 10

- Q.NO.1: What is Machine Learning? Explain its importance and applications in daily life.
- Q.NO.2: What is Data Visualization? Explain different types of charts used for representing data.

Important Instruction:

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