



## 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 |

### **ADCA 1ST SEMESTER STUDENTS (DECEMBER 2025 EXAMINATION)**

#### PAPER 101 FUNDAMENTALS OF COMPUTER

**Answer the followings:** : **Marks: 5+5+5+10 = 25**

- Q.No1: What is Computer Hardware and Software? Explain with examples.  
Q.No2: What is the difference between Primary Memory and Secondary Memory?  
Q.No3: What is a Computer Network? Explain its advantages.  
Q.No4: Define "Input Devices" and explain the functions of any two input devices.

#### PAPER 102 APPLICATION PROGRAMS (MS OFFICE)

**Answer the followings:** : **Marks: 5+5+5 = 15**

- Q.No1: What are the uses of MS Word in daily life? Mention some features.  
Q.No2: What is the difference between Slide and Presentation in MS PowerPoint?  
Q.No3: Write the steps of the followings:-
  - Create a new Word document.
  - Type your name and align it center using shortcut key.
  - Insert a table of 3 rows and 3 columns.
  - Change the font style and size.
  - Save and close the file.

#### PAPER 103 C PROGRAMMING

**Answer the followings:** : **Marks: 5+5+5 = 15**

- Q.No1: What are the different data types available in C? Explain with examples.  
Q.No2: What is the difference between "while loop" and "do-while loop" in C?  
Q.No3: Write the steps of the followings:-
  - Write a C program to find the sum of two numbers.
  - Write a C program to check whether a number is even or odd.
  - Write a C program to print numbers from 1 to 10 using loop.
  - Save and close the program file.

#### PAPER 104 COMPUTER NETWORKING & CYBER SECURITY BASICS

**Answer the followings:** : **Marks: 5+5+5 = 15**

- Q.No1: What is Data Analytics? Write two examples of its real-life use.  
Q.No2: What is Artificial Intelligence (AI)? How is it applied in daily life?  
Q.No3: Write the steps of the followings:-
  - Mention two basic rules for safe password creation.
  - Write two common types of Cyber Attacks.
  - Write two simple examples of Ethical Hacking activities.
  - Mention two advantages of AI in education.
  - List one example of Data Analytics in business.