Q.1. **Write answers for any two questions from below. (5 marks each – Word limit – 500)**

A. Write a C Program to Check Whether a Number is Prime or Not.

B. What is C? Write note on history of C. Write the features and limitations of C?

C. Write a C Program to Access Elements of an Array Using Pointer.

Q.2. **Write short notes on all of the following topics (1 mark each - Word limit - 100)**

A. Pointer to a structure

B. Void

C. Pointer to an array of structure

D. Union and Structure

E. getchar and putchar

Q.1. **Write answers for any two questions from below. (5 marks each – Word limit – 500)**

A. How to write a decision-making statement with if, if else, if else if? Write the syntax and difference between them. Write program for each.

B. What is array in C? Explain array initialization, allocation, calculate size and element count. How to define multidimensional arrays (like 2D and 3D)? What are their utilities? How to

C. Write a C Program to Multiply two Matrices by Passing Matrix to a Function.

Q.2. **Write short notes on all of the following topics (1 mark each - Word limit - 100)**

A. Dynamic memory allocation

B. 1D & 2D Array

C. Middle level Language

D. while and do while loop

E. Low level language