**Q.1 Attempt all of the below Programs. 40M**

1. C program to read weekday number and print weekday name using switch.
2. C program to check whether a character is VOWEL or CONSONANT using switch.
3. C program to design calculator with basic operations using switch.
4. C Program to print tables from numbers 1 to 20.
5. C Program to check entered number is ZERO, POSITIVE or NEGATIVE until user does not want to quit.
6. C Program to find sum of first N natural number, N must be taken by the user.
7. C program to print all prime numbers from 1 to N.
8. C program to print all Fibonacci Series of entered number
9. C Program to reverse a number (for example input: 1234, output: 4321).
10. C Program to calculate SUM & PRODUCT of all digits.

**Q.2 Attempt Any (8) 40M**

1. C Program to check number is palindrome or not.
2. C Program to GCD Of two numbers.
3. C Program to print the all natural no In Reverse Order n to 1.
4. C Program to check number is perfect or not.
5. C program to find SUM and AVERAGE of two integer Numbers using function.
6. C program to print Table of an Integer Number using User Define Functions.
7. C program to find Sum of all Array Elements by passing array as an argument using User Define Functions.
8. C program to create, open and close a file.
9. C program to write text (characters) into file and print.
10. C program to calculate Sum, Product of all elements of array.

**Q.3 Attempt Any (2) 20M**

1. Write a c program to accept details of employee using Structure and display it using functions.
2. Write a c program to demonstrate the union elements for accepting book details.
3. Write a c program to demonstrate two dimensional Array And print the sum of two array