2022
Computer Science
[HONOURS]
(CBCS)
(B.Sc. First Semester Practical End Examination-2022)
PAPER-C1P

Full Marks: 20   **Time: 02 Hrs**

The figures in the right hand margin indicate marks
Candidates are required to give their answers in their own words as
far as practicable
Illustrate the answers wherever necessary

Answer any one question (C Language & C++)   **1x15=15**

1. WAP in C- language to solve the following quadratic equation

   $$Ax^2 + Bx + C = 0$$

2. WAP in C-language to generate Fibonacci sequence upto n.

3. WAP in C++ to add two complex number using operators overloading.

4. WAP in C-language to find n! Using recursive function.

5. WAP in C++ to calculate Prime numbers between two intervals.

6. WAP in C-language to check whether a string is palindrome or not.

7. Wap in C-language to convert decimal number to binary number.

8. WAP in C-language to check whether a number Armstrong or not.

9. Write a program in C++ to calculate sum of two number using friend function.

10. WAP in C language to find the largest and is smallest numbers among a list of n numbers.

11. WAP to implement parameterized construction, copy constructor and Destructor.

12. WAP to implement sum of two matrices in C++.

13. WAP in C-language to sort a list of n numbers in ascending order using bubble sort technique.

14. WAP in C-language to count number of vowels, consonants, blank spaces as special cheractors in a line of text.

VIVA – 03

PNB - 02