NEW

Part–III 3-Tier

2019

COMPUTER SCIENCE

PAPER—VIII

(Honours)

(PRACTICAL)

Full Marks : 30

Time : 3 Hours

The figures in the right-hand margin indicate full marks.

Candidates are required to give their answers in their own words as far as practicable.

Unit—I

Answer any *one* question.
The question will be selected by lottery basis. 1×20

1. Write a Java program that will check whether two given array contained same elements or not.

2. Write a Java program that will count number of character in a string as an input from the user.

3. Write a Java program that will sort on integer array in decending order.

4. Write a Java program to implement multilevel inheritance.

5. Write a Java program that will check whether a string is a palindrome or not.

6. Write a Java program that will check whether an integer taken as a user input is a prime number or not.

7. Write a Java program that will multiply two given matrices.

8. Write a Java program that will copy content of an array to another array.

9. Write a Java program to demonstrate function overriding.

10. Write a Java program that will concatenate two string taken as user input.

11. Develop a class 'animal' with relevant hierarchy in Java to demonstrate the concept of polymorphism.

12. Write a Java program that will print Fibonacci sequence using recursive method.

13. Write a Java program to demonstrate the utility of copy constructor.

14. Write a Java program to compare two string taken as user input and print 'similar' if more than 3 same character present in both the string.

15. Write a Java program that will compute the sum 2 + 4 + 6 + 8 ..... upto n number.

16. Write a Java program to calculate area of square and rectangle by using function overloading.

17. Write a Java program that computes the sum of reciprocals : $1/1 + 1/2 + 1/3 + \ldots\ldots + 1/10$.

18. Write a Java program to print Fibbonacci number upto n terms using non recursive function.

Viva Voce : 5

Practical Note Book : 5
