19102713

Reg No : ....

Name : ....

BSc DEGREE (CBCS) EXAMINATION, OCTOBER 2019

Fifth Semester

Core Course - CS5CRT14 - JAVA PROGRAMMING USING LINUX

B.Sc Computer Applications Model III Triple Main,B.Sc Computer Science Model III,B.Sc Information Technology Model III,Bachelor of Computer Application

2017 Admission Onwards

EFE0548B

Maximum Marks: 80   Time: 3 Hours

Part A

*Answer any **ten** questions.*

*Each question carries **2** marks.*

1. Write a short note on commmand line argument.

2. List out the different branching statements used in Java.

3. Define a class.

4. How will you access class members using objects?

5. What is the use of protected keyword in java?

6. What is Array?

7. Explain newborn state of a thread?

8. Why exception handling is done?

9. What are differences between Swing and AWT?

10. Diffrentiate between swing and Jpanel.

11. Discuss various sections of web page.

12. What is JDBC ResultSet?

(10×2=20)

Part B

*Answer any **six** questions.*

*Each question carries **5** marks.*

13. Explain the datatypes used in Java.

14. Write a Java program to print prime numbers between two limits.

15. How will you implement multilevel inheritance in Java?

16. Write a note on dynamic method dispatch.

17. Difference between String and StringBuffer?

18. Explain different types of built-in exceptions.

19. Define Swing and its architecture.

20. Write an applet that receives to integer values as input and display the sum

21. Describe various ways of drawing polygons.

(6×5=30)

Part C

*Answer any **two** questions.*

*Each question carries **15** marks.*

22. Differentiate between object oriented and procedure oriented programming. Expalin the OOP concepts.

23. What is constructor overloading? Write a Java program to implement the constructor overloading mechanism.

24. Define user defined packages. What are te steps involved in creating & using packages with example?

25. Discuss various Layout managers.

(2×15=30)