B.Sc DEGREE (CBCS) REGULAR / REAPPEARANCE EXAMINATIONS, JANUARY 2022

Fifth Semester

CORE COURSE - CS5CRT14 - JAVA PROGRAMMING USING LINUX

Common to 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

09B592C0

Time: 3 Hours   Max. Marks : 80

Part A

*Answer any **ten** questions.*

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

1.   Differentiate between object oriented and procedure oriented programming.

2.   Explain the use of continue statement.

3.   Define classes and objects.

4.   What are constructors?

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

6.   What is two dimensional array?

7.   What is nested try statement ?

8.   Why swing component are called lightweight components?

9.   Define Window Event Class.

10.   Diffrentiate between swing and Jpanel.

11.   Distinguish between init() and distroy() methods in applet.

12.   How parameters can be passed to applet using tag?

(10×2=20)

Part B

*Answer any **six** questions.*

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

13. Explain the characterset of Java Program.

14. Write a Java program to find the smallest among 3 numbers.

15. Explain method overloading with example.

16. How will you implement hierarchical inheritance in Java?

17. Explain about user defined packages.

18. Write a Java program to demonstrate thread priorities.

19. Develop a simple program to implement KeyEvent class.

20. Write an applet that receives three numeric values as input from the user and display the largest.

21. What are JDBC statements?

(6×5=30)

Part C

*Answer any **two** questions.*

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

22. Illustrate the use of different operators in Java.

23. Diffrentiate final methods ans final classes with examples.

24. a)Differentiate between one-dimensional , two-dimensional arrays with appropriate syntax & examples b)Write a Java program to sort numbers & sort names in 2 different arrays.

25. What is Layout manager? Explain any three layout managers in which method is used to set the layout manager.

(2×15=30)