B.Sc DEGREE (CBCS) SPECIAL SUPPLEMENTARY EXAMINATION, JULY 2021

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

2018 Admission Only

670F67B1

Time: 3 Hours   Max. Marks : 80

Part A

*Answer any **ten** questions.*

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

1. Define the use of JVM.

2. Write a note on ternary operator with example.

3. Define classes and objects.

4. State the uses of super keyword in Java.

5. What are interfaces?

6. What is import statement in java?

7. Explain newborn state of a thread?

8. Define an Event.

9. Define Jlabel and Jbutton in Java.

10. Write a short note on JComboBox.

11. What is the use of tag?

12. What is JDBC?

(10×2=20)

Part B

*Answer any **six** questions.*

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

13. Explain different types of literals with example.

14. Write a Java program to print the score card of a student using else if ladder structure.

15. How will you access class members using objects? Give example.

16. A super class variable can refer a subclass object. Explain with a sample program.

17. What is an array and explain types of arrays with examples?

18. Explain two dimensional array with syntax & example.

19. Define Layout Managers. Explain.

20. Discuss about java applet life cycle.

21. Write an applet to display a welcome message.

(6×5=30)

Part C

*Answer any **two** questions.*

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

22. Analyse the use of looping statements with examples.

23. Explain in detail inheritance in java.

24. Explain in detail about the excepion handling mechanism with approprite syntax & examples.

25. Write an essay on JTextField and Jtextarea with the help of example.

(2×15=30)