

TB175140V

Reg. No :

Name :

B. Sc. DEGREE (C.B.C.S.S) EXAMINATION, NOVEMBER 2022
2015, 2016 & 2017 Admissions Supplementary
SEMESTER V - CORE COURSE (COMPUTER APPLICATIONS)
CAC5B11TB - JAVA PROGRAMMING

Time : 3 Hours

Maximum Marks : 80

Part A

I. Answer all questions. Each question carries 1 mark

(6x1=6)

1. What do you mean by a virtual machine?
2. Explain RMI in java.
3. What is method overloading?
4. What is a CLASSPATH?
5. What is a Panel class?
6. What is JTable?

Part B

II. Answer any Seven questions. Each question carries 2 marks

(7x2=14)

7. Explain Java Interpreter.
8. What is ternary operator?
9. Explain hierarchical inheritance.
10. What is call by value and call by reference?
11. Explain with example the concept of Deadlock?
12. Explain wait () and sleep () method.
13. What is Action Listener?
14. What is a Model View Controller?
15. Describe JDBC API.
16. How do we create table using swing?

Part C

III. Answer any Five questions. Each question carries 6 marks

(5x6=30)

17. Explain primitive data types.
18. Write note on:- a) Increment and decrement operator b) Type Conversion
19. Differentiate between String and StringBuffer Class.
20. Explain Pass By Value and Pass By Reference with example.
21. Differentiate final, finally and finalize.
22. What are 2 types of Mouse Event Listener?
23. Explain different methods in Applet.
24. What are different types of Resultset?

Part D

IV. Answer any Two questions. Each question carries 15 marks

(2x15=30)

25. Explain different category of operators in java with E.g.
26. What is a constructor? Explain its Types.
27. What is Checked and Unchecked Exception? What is the importance of throws in Exception? Write a program to create an exception class that checks for divide by zero exception.
28. a) What is swing in java? Explain hierarchy of Swing classes. b) Explain any 7 methods of Swing Class