

17U558

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Name.....

Reg. No.....

FIFTH SEMESTER B.Sc. DEGREE EXAMINATION, NOVEMBER 2019

(CUCBCSS-UG)

CC17U BCS5 B08 - JAVA PROGRAMMING

(Computer Science – Core Course)

(2017 Admission Regular)

Time: Three Hours

Maximum: 80 Marks

PART I

Answer *all* questions. Each question carries 1 mark.

1. Define the term encapsulation.
2. What is the purpose of 'this' operator?
3. What do you mean by exception?
4. Write about Statement interface.
5. What do you mean by delegation event model?
6. Write function in java to draw a line.
7. Define the term applet.
8. What is the purpose of I/O streams in java?
9. What is the purpose of continue statement in java?
10. What do you mean by bytecode?

(10 x 1 = 10 Marks)

PART II

Answer *all* questions. Each question carries 3 marks.

11. Write about inner class and nested class in java.
12. Explain the importance of packages in java.
13. Explain file class in java.
14. Explain how parameters can be passed to an applet in java.
15. Explain any three event listener interface.

(5 x 3 = 15 Marks)

PART III

Answer any *five* questions. Each question carries 5 marks.

16. Explain adapter classes in java.
17. Explain applet skeleton.
18. Explain try...catch exception.
19. Explain thread life cycle in detail.

20. Write short note on interfaces in java.
21. Explain the concept of method overriding in detail.
22. Explain Scrollbar and TextField class in java.
23. Explain operators in java.

(5 x 5 = 25 Marks)

PART IV

Answer any *three* questions. Each question carries 10 marks.

24. Explain features of java in detail.
25. Explain branching and looping statements in java.
26. Explain how to create child threads in java.
27. Explain inheritance in java.
28. Explain layout managers in java with suitable example.

(3 x 10 = 30 Marks)
