17U563 (Pages: 2) Name……..…..……...

Reg. No…..…….

FIFTH SEMESTER B.C.A. DEGREE EXAMINATION, NOVEMBER 2019

(CUCBCSS-UG)

CC17U BCA5 B07 - JAVA PROGRAMMING

(Core Course)

(2017 Admissions Regular)

Time: Three Hours Maximum: 80 Marks

PART I

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

1. List the data types that cannot be acceptable for switch statement.
2. If m and n are int type variables, what will be the result of the expression m%n when m = 5 and n = 2?
3. Which keyword is used to invoke the current object?
4. What is isalive() method?
5. What is getcodeBase() method?
6. What is partial implementation of interfaces?
7. Can main() method in java return any data?
8. What will happen when an object is assigned to another object?
9. Which is the base class of Exception?
10. What is the method used by the applet to display text and message?

(10 x 1 = 10 Marks)

PART II

Answer ***all*** questions. Each question carries 2 marks.

11. Differentiate class and object.
12. What is dynamic method dispatch?
13. What are character stream classes?
14. Write a note on identifiers in Java.
15. What are the arguments in draRect () method?
16. What is a Daemon Thread?
17. What are the different JDBC Drivers?
18. What are the constructors of list class?

(8 x 2 = 16 Marks)

PART III

Answer any ***six*** questions. Each question carries 4 marks.

19. Compare and contrast object oriented programming and procedure oriented programming.
20. Explain the working of while and do...while with syntax and example.
21. Explain various AWT controls.
22. Difference between implicit conversion and explicit conversion.
23. How interface helps to implement multiple inheritance in Java.
24. Explain the life cycle of a thread.
25. Write a java program to check whether the given no is prime or not.
26. Explain the significance of multiple catch and nested try.
27. Explain various event classes and event listener interfaces in Java.

(6 x 4 = 24 Marks)

PART IV

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

28. Write java GUI program to find the simple interest.
29. Define applet. Discuss the different stages in the life cycle of an applet.
30. Write a java program to find the sum of two complex numbers by passing object as a parameter to a function.
31. Explain the features of object oriented programming.
32. What is an exception? Explain with an example, how java handle exception.

(3 x 10 = 30 Marks)

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