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Name:

Reg. No:

FIFTH SEMESTER B.C.-A. DEGREE EXAMINATION, NOVEMBER 2021

(CUCBCSS-UG)

CC17U BCA5 B07 - JAVA PROGRAMMING

(Computer Application - Core Course)

(2017, 2018 Admissions – Supplementary/Improvement)

Time: Three Hours

Maximum: 80 Marks

PART I

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

1. What is the prototype of the default constructor?
2. Differentiate between class and object?
3. Define the term thread?
4. Define the term package?
5. What is Reader class?
6. What is the role of try keyword?
7. What is an Event?
8. Define the term polymorphism?
9. What is super class of all Exceptions?
10. What is Arithmetic Exception?

(10 × 1 = 10 Marks)

PART II

Answer *all* questions. Each question carries 2 marks

11. Explain about this keyword?
12. Explain about Command line arguments?
13. Explain about typecasting?
14. Describe complete life cycle of thread?
15. Explain about finalize method?
16. What is a parameterized Constructor?
17. What is the difference between class and interface?
18. What is exception handling?

(8 × 2 = 16 Marks)

PART III

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

19. Explain about method overloading?
20. Explain about Java tokens?
21. What is the purpose of <APPLET> tag?
22. Explain final keyword in java?
23. Explain JDBC Drivers?
24. Explain about method Overriding in detail?
25. Explain thread implementation in java?
26. Explain control structures?

(6 × 4 = 24 Marks)

PART IV

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

27. Explain about exception handling in detail?
28. Explain types of inheritance in java? Write a program to demonstrate the order in which constructors are invoked in multilevel inheritance.
29. Explain the life cycle of an applet? Describe the <param> tag with a sample program?
30. Explain OOPs concept in java?
31. Explain about layout managers?

(3 × 10 = 30 Marks)
