

**19U558S**

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Name: .....

Reg. No: .....

**FIFTH SEMESTER B.Sc. DEGREE EXAMINATION, NOVEMBER 2021**

(CUCBCSS-UG)

**CC17U BCS5 B08 - JAVA PROGRAMMING**

(Computer Science - Core Course)

(2017, 2018 Admissions – Supplementary/Improvement)

Time: Three Hours

Maximum: 80 Marks

**PART I**

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

1. What is the prototype of the default constructor?
2. Differentiate between class and object.
3. What is an exception?
4. Define the term interface.
5. What is stream class?
6. What is the role of throw 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 3 marks.

11. Explain about this keyword.
12. Explain about Command line arguments.
13. Explain about typecasting.
14. Describe complete life cycle of an applet.
15. Explain about the keyword final.

**(5 × 3 = 15 Marks)**

**PART III**

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

16. Explain about method overloading.
17. Explain about Java tokens.
18. What is the purpose of <APPLET> tag?
19. Differentiate between class and interface.

20. Explain JDBC Drivers
21. Explain about method Overriding in detail
22. Explain about Constructors.
23. Explain about super keyword.

**(5 × 5 = 25 Marks)**

#### **PART IV**

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

24. Explain about Exception in detail.
25. Write a java program to find the volume of cube, rectangular box, cylinder using function overloading.
26. Explain about packages in detail.
27. Explain OOPs concept in java.
28. Explain about layout managers.

**(3 × 10 = 30 Marks)**

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