

18U558

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Name:

Reg. No.....

FIFTH SEMESTER B.Sc. DEGREE EXAMINATION, NOVEMBER 2020

(CUCBCSS-UG)

(Regular/Supplementary/Improvement)

CC17U BCS5 B08 - JAVA PROGRAMMING

(Computer Science – Core Course)

(2017 Admission onwards)

Time: Three Hours

Maximum: 80 Marks

PART I

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

1. Define Byte code.
2. What is garbage collection?
3. What is use of static key word?
4. A method declared without a body is called as _____
5. What is the use of throw statement?
6. What is the use of run() method?
7. Try and catch block is used to find _____
8. What do you mean by call by reference?
9. Write any two examples of Access modifier in java.
10. Write any two string methods.

(10 x 1 = 10 Marks)

PART II

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

11. Explain JVM.
12. Differentiate between print() & println() methods.
13. What are the command line parameters?
14. What is the Thread life cycle?
15. List any three Mouse Listener interface.

(5 x 3 = 15 Marks)

PART III

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

16. Explain the features of the java language.
17. Explain the java tokens.
18. Explain java data types.

19. What is the use of the package in java?
20. What is difference between overloading and overriding?
21. Briefly explain exception handling in java.
22. Explain layout managers.
23. What is the difference between an Applet and an application?

(5 x 5 = 25 Marks)

PART IV

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

24. Explain the different types of the operators.
25. What types of inheritance in java? How multiple inheritance handled in java?
26. Explain constructor overloading and method overloading with examples.
27. Explain multi threading in java. What do you mean by synchronization in java?
28. Explain stream classes in java.

(3 x 10 = 30 Marks)
