10591   (Pages : 2)   Name..................................

                                                                              Reg. No...............................

FIFTH SEMESTER U.G. DEGREE EXAMINATION, NOVEMBER 2021

(CBCSS—UG)

Computer Science

BCS 5B 08—JAVA PROGRAMMING

(2019 Admissions)

Time : Three Hours   Maximum : 60 Marks

Section A

Answer at least **eight** *questions.*
Each question carries 3 marks.
All questions can be attended.
Overall Ceiling-24.

1. List out various characteristics of Object-Oriented languages.

2. What is meant by Encapsulation ?

3. Explain how java is platform independent.

4. What do you mean by constructor in java ?

5. What is an abstract class ?

6. What is stream and stream classes in Java ?

7. Differentiate between Process and Thread in java.

8. What are the JDBC statements ?

9. What is an Applet ?

10. Write short note on event handling in java.

11. What are the various AWT components ?

12. Briefly explain the life cycle of Applets.

(8 × 3 = 24 marks)

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Turn over

Section B

*Answer at least **five** questions.*
Each question carries 5 marks.
All questions can be attended.
Overall Ceiling 25.

13. Compare and contrast between Object oriented and procedure Oriented programming.

14. Explain various type of access specifiers in java.

15. Differentiate between Method Overloading and Method Overriding in Java.

16. What are the benefits of using packages ? Write down the steps in creating a package.

17. Write a java program to create an applet which display human face.

18. Explain detail JDBC interfaces and classes in java.

19. Write java program to copy content of a file to other.

$(5 \times 5 = $

Section C

*Answer any **one** question.*
The question carries 11 marks.

20. Describe the different forms of inheritance in Java language. Explain with sample code

21. Explain how user defined exceptions are handled in java. Explain with example.

$(1 \times 11 = $

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