

FIFTH SEMESTER B.Sc. DEGREE EXAMINATION, NOVEMBER 2022
(Regular/Improvement/Supplementary)

COMPUTER SCIENCE
GBCS5B08T: JAVA PROGRAMMING

Time: 2 Hours

Maximum Marks: 60

SECTION A: Answer the following questions. Each carries 2 marks.
(Ceiling 20 Marks)

1. What is message passing in object-oriented concept?
2. What is Data Abstraction?
3. What is the significance of switch statement in java?
4. Write a short note on identifiers in java.
5. List out some built in packages in Java along with their use.
6. What is the difference between the Reader/Writer class hierarchy and the InputStream /OutputStream class hierarchy?
7. How can you load the appropriate driver class in JDBC?
8. Differentiate between Java applications and applets.
9. What is repaint() method of applet in Java?
10. What are adapter classes in Java?
11. Differentiate setLabel and getLabel functions.
12. What is GridLayout?

SECTION B: Answer the following questions. Each carries 5 marks.
(Ceiling 30 Marks)

13. What do you mean by narrowing and widening? Give an example for each of them.
14. Describe in detail the concept of Method overriding in Java with example.
15. Write short note on byte stream classes in java
16. What are the differences between execute, executeQuery, and executeUpdate?
17. Briefly explain about the steps for connecting Java program and data base
18. Briefly describe Delegation Event Model.
19. Write short notes on Choice and List control in Java.

SECTION C: Answer any 1 question. Each carries 10 marks.

20. Explain the various concepts and principles of OOPs.
21. Explain threads in java and briefly explain the different states of a thread.

(1 x 10 = 10 Marks)