

FACULTY OF SCIENCE

B.Sc. (CBCS) V Semester (Backlog) Examination, June / July 2022

Subject: Computer Science

Paper – V : Programming in Java

Time: 3 Hours

Max. Marks: 60

PART – A

Note: Answer any five questions.

(5 x 3 = 15 Marks)

1. Define class and object. Give an example.
2. Explain Command-Line arguments.
3. Write about String Buffer class and its methods.
4. What is Wrapper class. List some wrapper classes.
5. Write about Java Applets in short.
6. Write about Layout Managers.
7. What are the stages in thread life cycle.
8. What are the types of JDBC Drivers?

PART – B

Note: Answer all the questions.

(3 x 15 = 45 Marks)

9. (a) What is Constructor. Explain different types of constructors in java.
(OR)
(b) (i) Explain the use of Abstract classes and Interfaces.
(ii) Illustrate method overriding with a program.
10. (a) Define Package. How to add classes to a package. Write a program to create and implement user-defined package.
(OR)
(b) Demonstrate file input stream class with a sample program.
11. (a) What is the purpose of AWT? List the components and containers. Write a program which uses any two AWT components.
(OR)
(b) Explain the steps needed for Database Handling using JDBC.

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