

**Faculty of Science**  
**B.Sc (Computer Science) III-Year, CBCS –V Semester**  
**Backlog Examinations, June/July–2022**  
**PAPER: Programming in Java**

Time: 3 Hours

Max Marks: 80

**Section-A**I. Answer any *eight* of the following questions (8x4=32 Marks)

1. Write about Object and Class?
2. Explain about this keyword?
3. What is Method Overloading?
4. What is difference between abstract class and Interface?
5. Explain about String Buffer Class?
6. Explain about Super and final keywords?
7. What is Thread Priority?
8. What is Scanner Class?
9. What is Main thread?
10. What is JFrame?
11. Explain about Jtable?
12. Write about JDBC Applications?

**Section-B**

II. Answer the following questions (4x12=48 Marks)

- 13.(a) Explain about Loop Statements with an example?  
(OR)  
(b) What is Constructor? Explain types of Constructors?
14. (a) What is an Array? Explain types of Arrays?  
(OR)  
(b) What is an Package? Explain advantages of Packages?
15. (a) What is the difference between Buffer Input and Output Stream Class?  
(OR)  
(b) Write about Random Access File Class with an example program?
16. (a) What is the difference between AWT and SWING?  
(OR)  
(b) What is JDBC? Explain types of JDBC?

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**B.Sc (Computer Science) III-Year, CBCS –V Semester**  
**Regular Examinations –Jan, 2023**  
**PAPER: Programing in Java**

Time: 3 Hours

Max Marks: 80

**Section-A**

- I. Answer any *eight* of the following questions (8x4=32 Marks)
1. What is Object?
  2. Explain about this keyword?
  3. What is Type Conversion?
  4. What is Inner Class?
  5. What is super Keyword?
  6. What is Abstract Class?
  7. What is Synchronization?
  8. What is File Class?
  9. What is a Thread?
  10. What is AWT?
  11. What is Container Class?
  12. Explain about JPanel?

**Section-B**

- II. Answer the following questions (4x12=48 Marks)
- 13.(a) Explain about the Java features?  
(OR)  
(b) What is Constructor? Explain types of Constructor?
- 14.(a) What is an Array? Explain types of Arrays?  
(OR)  
(b) What is Exception Handling? Explain types of Exception Handling?
- 15.(a) Explain about Thread Life Cycle?  
(OR)  
(b) Explain about Buffered Input Stream class and Buffered Output Stream Class?
- 16.(a) What is Event Handling? Explain its types?  
(OR)  
(b) What are the components of the swings?

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