

<b>F-4948</b>
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<b>Sub. Code</b>
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<b>7BCE4C1</b>
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**B.Sc. DEGREE EXAMINATION, APRIL 2021 &  
Supplementary/Improvement/Arrear Examinations**

**Fourth Semester**

**Computer Science**

**JAVA PROGRAMMING**

**(CBCS – 2017 onwards)**

Time : 3 Hours

Maximum : 75 Marks

**Part A**

(10 × 2 = 20)

Answer **all** questions.

1. Define Tokens.
2. What is meant by Constants?
3. Define Relational Operator.
4. Write the Syntax for Nested of If.
5. Define Class.
6. How to create an Array?
7. Define Packages.
8. What are the types of Errors?
9. Define Applet.
10. How to draw an Arcs using Graphics Programming?

**Part B**

(5 × 5 = 25)

Answer **all** questions, choosing either (a) or (b).

11. (a) Write short notes on Java Features.

Or

- (b) Explain Type Casting.

12. (a) Discuss about Special Operators in Java.

Or

- (b) Explain about Mathematical Function and its significance.

13. (a) How to Access a Class Members in Java.

Or

- (b) Discuss about Abstract methods and Classes.

14. (a) Explain Naming Conventions, in Java.

Or

- (b) Explain about Multiple Catch statements.

15. (a) Explain about Applet Life Cycle.

Or

- (b) Describe Graphic Class.

**Part C**

(3 × 10 = 30)

Answer any **three** questions.

16. Briefly discuss about Java Support Systems and their Environment.
17. Give a Brief explanation about Decision making and branching with suitable example.
18. Describe Multiple Inheritances with example.
19. Illustrate how to Manage Errors and Exceptions in Java.
20. Briefly discuss about how to design a Web Page using Applet Programming.

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