

PSG COLLEGE OF ARTS & SCIENCE
(AUTONOMOUS)

BSc DEGREE EXAMINATION MAY 2024
(Third Semester)

Branch – COMPUTER TECHNOLOGY

PROGRAMMING IN JAVA

Time: Three Hours

Maximum: 50 Marks

SECTION-A (5 Marks)

Answer ALL questions

ALL questions carry EQUAL marks (5 x 1 = 5)

- 1 Which of these selection statements test only for equality?
(i) if (ii) switch
(iii) if & switch (iv) none of the mentioned
- 2 A class member declared protected becomes a member of subclass of -----type
(i) Public member (ii) private member
(iii) Protected member (iv) static member
- 3 ----- Keywords must be used to monitor for exceptions
(i) try (ii) finally
(iii) throw (iv) catch
- 4 Which method is called only once during the run time of your applet?
(i) stop () (ii) paint()
(iii) init () (iv) destroy()
- 5 Give the abbreviation of AWT
(i) Applet Windowing Toolkit (ii) Abstract Windowing Toolkit
(iii) Absolute Windowing Toolkit (iv) None of the above

SECTION - B (15 Marks)

Answer ALL Questions

ALL Questions Carry EQUAL Marks (5 x 3 = 15)

- 6 a. Point out the features of the Java Programming language.
OR
b Explain about Data Types used in java.
- 7 a Discuss about Method overriding in java.
OR
b What is inheritance? Explain with suitable example.
- 8 a Describe the basic concept of Throw-Finally.
OR
b Elucidate in java's Thread priorities.
- 9 a Explicate Types of Applet in java.
OR
b Trace event handling mechanism in detail.
- 10 a Discuss about AWT controls.
OR
b Write a short notes on swing application.

SECTION -C (30 Marks)

Answer ALL questions

ALL questions carry EQUAL Marks

(5 x 6 = 30)

11 a Predict about Class and Object with an example.

OR

b Discuss about operators in java.

12 a Describe about Inheritance with an example.

OR

b Demonstrate polymorphism in detail.

13 a Illustrate Java thread method with an example.

OR

b Write a shorts notes on i)Byte stream class ii) Character stream class

14 a Narrate Applet skeleton.

OR

b Describe about i)Adapter classes ii) Inner classes

15 a Explain about Swing package in java.

OR

b What is AWT classes? Explain it.

Z-Z-Z

END