

PSG COLLEGE OF ARTS & SCIENCE
(AUTONOMOUS)
BVoc DEGREE EXAMINATION MAY 2022
(Second Semester)

Branch – NETWORKING AND MOBILE APPLICATION

OBJECT ORIENTED PROGRAMMING USING JAVA

Time: Three Hours

Maximum: 50 Marks

SECTION-A (5 Marks)

Answer ALL questions

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

1. _____ is one of the java features that enables java program to run anywhere anytime.
(i)Object-Oriented (ii)Multithreaded c)Platform-Independent (iv)Dynamic & Extensible
2. Which of the following is the correct way of importing an entire package 'pkg'?
a) cloud- (ii)distributed (iii)connected (iv)network
3. Which of the following methods removes all items from a collection?
(i)refresh() (ii)delete() (iii)reset() (iv)clear()
4. Which of these operators can be used to get run time information about an object?
(i)getInfo (ii)Info (iii)Instanceof (iv)getinfoof
5. Which object can be constructed to show any number of choices in the visible window?
(i)Labels (ii)Choice (iii)List (iv)Checkbox

SECTION – B (15 Marks)

Answer ALL questions

ALL questions carry EQUAL Marks (5 x 3 = 15)

6. a. Define String? Explain different String declarations with an example
(OR)
b. What is a Constructor? Explain types of Constructors in Java? Write a java program to find the Area of Circle using Constructor agent.
7. a. What is package? Explain how to create user defined package in java with example.
(OR)
b. Explain about Thread Life Cycle.
8. a. What is meant by stream? What are the types of streams and classes? Explain in detail.
(OR)
b. What is Set in Java Collections framework and list down its various implementations?
9. a. Explain about the AWT Menu design.
(OR)
b. Write a java program to implement Mouse Events.
10. a. Create a java swing program implement Border Layout.
(OR)
b. Write a java swing program to find the factorial of the given number.

Cont...

SECTION – C (30 Marks)

Answer ALL questions

ALL questions carry EQUAL Marks

(5 x 6 = 30)

11. a. Describe in detail about object oriented paradigm and Features of OOP.
(OR)
b. What is an Interfaces? Narrate the Concept of Multiple Inheritance with Example.
12. a. Demonstrate Exception handling in Java with example.
(OR)
b. What is mean by multi-threading? What are the 2 ways of creating a thread? State which is the best way and why.
13. a. Outline the Input Stream, Output Stream class hierarchy with an example program.
(OR)
b. Discuss Collection interfaces with example.
14. a. Illustrate how parameters can be passed to applet as an argument and write an applet application for addition of two numbers.
(OR)
b. Describe in detail the Delegation event model with example.
15. a. Discuss briefly about buttons and combo boxes in java swing.
(OR)
b. Explain in detail about internet addressing.

Z-Z-Z END