

PSG COLLEGE OF ARTS & SCIENCE
(AUTONOMOUS)

BVoc DEGREE EXAMINATION DECEMBER 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 the set of optimized instructions generated during compilation phase and it is more powerful than ordinary pointer code.
(i) Byte code (ii) Binary code
(iii) Hexa decimal (iv) Octal
2. An interface contains _____ methods.
(i) Non-abstract (ii) Implemented
(iii) Unimplemented (iv) Abstract
3. Which of the following methods removes all items from a collection?
(i) Refresh() (ii) delete() (iii) reset() (iv) clear()
4. To read data from a source file _____ is used.
(i) Input Stream (ii) Output Stream
(iii) Standard Input (iv) Standard Output
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) Elucidate Method Overriding in java with an example.
7. a) What is Package? Explain how to create user defined package in java with example.
OR
b) Briefly discuss about Interthread communication.
8. a) Discuss about Byte stream in java.
OR
b) What is set in java collections framework and list down its various implementations.
9. a) Illustrate Applet architecture in brief.
OR
b) Elucidate the functions of different types of Event Listener interface.
10. a) Write a java program to implement text field using swing.
OR
b) Elucidate the basics of Networking in java.

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) Discuss about the different types of inheritance in Java.
12. a) Demonstrate Exception handling in java with example.
OR
b) What is meant by multithreading? What are the two ways of creating a thread?
13. a) Explain in detail about LinkedList class.
OR
b) Discuss in detail about EnumSet class.
14. a) Discuss about Applet display methods with example.
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) Discuss about Client/Server reserved sockets in detail.

Z-Z-Z

END