PSG COLLEGE OF ARTS & SCIENCE
(AUTONOMOUS)
BVoc DEGREE EXAMINATION MAY 2025
(Second Semester)

Branch – NETWORKING AND MOBILE APPLICATION

OBJECT ORIENTED PROGRAMMING USING JAVA

Time: Three Hours   Maximum: 75 Marks

SECTION-A (10 Marks)
Answer ALL questions
ALL questions carry EQUAL marks   (10 × 1 = 10)

Module No.	Question No.	Question	K Level	CO
1	1	The basis of Encapsulation in Java is a) Method b) Data c) Class d) Structure	K1	CO1
	2	The automatic initialization is done by the use of a) Assignment operator b) New operator c) Constructor d) Destructor	K2	CO1
2	3	The keyword used to refer/access an immediate super class from subclass is called_____. a) this b) superior c) super d) ancestor	K1	CO2
	4	A mechanism provides for partitioning the class name space into manageable chunks is called_____. a) built-in b) package c) group d) collection	K2	CO2
3	5	If no catch statement matches in nested try then the Exception is handled by a) Java Runtime System b) Exception Class c) Java Compiler d) Finally block	K1	CO3
	6	The inter-process communication is done by via a) Suspend, resume, stop b) wait(), notify(), notifyAll() c) wait(), run(), stop() d) ready(), run(), abort().	K2	CO3
4	7	Reader and Writer classes are designed for a) byte streams b) character streams c) both a and b d) none of these	K1	CO4
	8	Select the MouseMotionAdapter class method a) mouseClick() b) mouseOver() c) mouseFocus() d) mouseMoved()	K2	CO4
5	9	The drawString() method is a member of a) AWT class b) Graphics class c) Swing class d) None of these	K1	CO5
	10	A low level protocol used to break data into small packets is called_____. a) UDP b) TCP c) FDP d) IP	K2	CO5

SECTION - B (35 Marks)
Answer ALL questions
ALL questions carry EQUAL Marks   (5 × 7 = 35)

Module No.	Question No.	Question	K Level	CO
1	11.a.	Illustrate the keyword 'this' used to refer current objects.	K3	CO1
		(OR)		
	11.b.	Describe the use of finalize() method in Java.		
2	12.a.	Examine the multiway hierarchy through inheritance.	K4	CO2
		(OR)		
	12.b.	Implement a example program for interface accessing.		
3	13.a.	Categorize the types of Exceptions used in Java.	K3	CO3
		(OR)		
	13.b.	Inspect how the Thread priorities are handled.		
4	14.a.	Test the FileInputStream Constructor through an example.	K4	CO4
		(OR)		
	14.b.	Deduct the usage of inner classes in Java.		
5	15.a.	Create a simple Applet program for output a string.	K5	CO5
		(OR)		
	15.b.	Prepare a note about Proxy servers.		

SECTION -C (30 Marks)
Answer ANY THREE questions
ALL questions carry EQUAL Marks   (3 × 10 = 30)

Module No.	Question No.	Question	K Level	CO
1	16	Illustrate how the similar type elements (Arrays) are managed in Java.	K3	CO1
2	17	Test the packages how to be imported in a Java program.	K4	CO2
3	18	Create a thread and implement it using Runnable interface.	K4	CO3
4	19	Appraise some Event Classes and their behaviors.	K5	CO4
5	20	Demonstrate and classify the Internet addressing.	K5	CO5

Z-Z-Z   END