

PSG COLLEGE OF ARTS & SCIENCE
(AUTONOMOUS)

MCom(CA) DEGREE EXAMINATION MAY 2026
(Fourth Semester)

Branch- COMMERCE WITH COMPUTER APPLICATIONS

PROGRAMMING IN ADVANCED 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	Who invented JAVA programming? i) James Gosling ii) Dennis Ritchie iii) Bjarne iv) Guido	K1	CO1
	2	Which component is used to compile, debug and execute the java programs? i)JRE ii)JDK iii)JIT iv)JVM	K1	CO1
2	3	Which of the following is the predefined package in JAVA? i)mypackage ii)javapackage iii)util iv)program	K1	CO2
	4	Which of these keywords is not a part of exception handling? i)try ii)finally iii)thrown iv)catch	K1	CO2
3	5	Which of these functions is called to display the output of an applet? i)paint() ii)display() iii)displayapplet() iv)printapplet	K1	CO3
	6	Which of these methods can be used to output a string in an applet? i)paint() ii)display() iii)drawstring() iv)print()	K1	CO3
4	7	_____ is responsible to create the object of servlet? i)web container ii)servlet container iii)both i and ii iv)only i	K1	CO4
	8	How constructor can be used for a servlet? i) Initialization ii) Constructor function iii) Initialization and Constructor function iv) Setup() method	K1	CO4
5	9	Which of the following is advantage of using JDBC connection pool? i) Slow performance ii) Using more memory iii) Using less memory iv) Better performance	K1	CO5
	10	Which of the following is used to call stored procedure? i) Statement ii) Prepared Statement iii) Callable Statement iv) Called Statement	K2	CO5

Cont...

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

ALL questions carry EQUAL Marks (5 × 7 = 35)				
Module No.	Question No.	Question	K Level	CO
1	11.a.	Explain Class fundamentals and declaring objects.	K2	CO1
	(OR)			
	11.b.	Summarize the Definition and implementation of interface.		
2	12.a.	Explain the Packages in JAVA.	K2	CO2
	(OR)			
	12.b.	Summarize the concepts of Suspending, resuming and stopping threads in JAVA.		
3	13.a.	Analyze the concepts of Labels and buttons.	K4	CO3
	(OR)			
	13.b.	Discover the concepts of Dialog boxes.		
4	14.a.	List out the concepts of Servlet API.	K4	CO4
	(OR)			
	14.b.	Examine the concepts of cookies.		
5	15.a.	Explain the Major classes and interfaces in JDBC.	K5	CO5
	(OR)			
	15.b.	Conclude the Working with transactions in JDBC.		

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	Analyze the concepts of Inheritance and Method Overriding.	K4	CO1
2	17	Explain the Exception handling in JAVA.	K5	CO2
3	18	Explain the Applet Architecture and Applet Skelaton.	K5	CO3
4	19	Discuss the Life cycle of a Servlet.	K6	CO4
5	20	Predict the concepts of JDBC Drivers and its Features.	K6	CO5

Z-Z-Z END