

St. Peter's Engineering College (Autonomous) Dullapally (P), Medchal, Hyderabad – 500100. I - Mid Term Examination – September 2024				Dept.	:	CSM
				Academic Year 2024-25		
Subject Code	:		Subject	:	Oops through java	
Class/Section	:	B. Tech.	Year	:	II	Semester : I
Duration	:	120 Min	Max. Marks	:	30	Date: :

BLOOMS LEVEL					
Remember	L1	Understand	L2	Apply	L3
Analyze	L4	Evaluate	L5	Create	L6

PART – A (10x1M = 10M)

Note: Answer all Questions. Each Question carries equal marks.

Q. No	Question (s)	Marks	BL	CO
UNIT – I				
p1	1 a) Define String. 1m 1a	1M	L1	C215.1
p1	b) List out the Java buzzwords. 1m 1b	1M	L1	C215.1
p1	c) Define Class with a syntax. 1m 1c	1M	L1	C215.1
p1	d) Who is inventor of Java? 1m 1d	1M	L1	C215.1
UNIT – II				
p19	e) Explain about Access Modifier? 3m 2a	1M	L1	C215.2
	3m 2b f) Explain about single and multiple-level inheritance with an example?	1M	L1	C215.2
	3m 2c g) List out the benefits and costs of Inheritance in Java?	1M	L1	C215.2
	3m 2d h) Explain about generalization in Java?	1M	L1	C215.2
UNIT – III				
	i) What is Exception handling? 1m 1a	1M	L1	C215.3
	j) What are all the keywords required for defining exception handling? 1m 1b	1M	L1	C215.3

PART – B (20M)

Q. No	Question (s)	Marks	BL	CO
UNIT – I				
2	Explain the concepts of constructor and constructor overloading with an example 10m 4a	8m 4M	L2	C215.1

OR				
3	a) Explain in detail about operators with an example.	4M	L1	C215.1
	b) What is meant by type casting and its types with a syntax?	4M	L1	C215.1
UNIT – II				
4	a) What is the difference between Interface and Class?	4M	L1	C215.2
	b) How to access package from another package?	4M	L1	C215.2
OR				
5	a) What is the use of Super keyword? Give an example? pg 25 ques 14	4M	L2	C215.2
	b) What is Abstraction in Java? pg 26 q15	4M	L1	C215.2
UNIT – III				
6	Explain String Handling with proper example? 5m 3e	4M	L1	C215.3
OR				
7	Explain the thread life cycle in detail?	4M	L1	C215.3

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Class/Section	:	B. Tech. (A)	Year	:	II	Semester : I
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Analyze	L4	Evaluate	L5	Create	L6

PART – A (10x1M = 10M)**Note: Answer all Questions. Each Question carries equal marks.**

Q. No	Question (s)	Marks	BL	CO
UNIT – I				
1	a) Discuss about Constructor and its types with an example? 3m 2b	1M	L1	C215.1
3m 2c	b) Discuss the use of class and object in Java with syntax and example?	1M	L1	C215.1
3m 2d	c) Define Data encapsulation in Java with an example?	1M	L1	C215.1
3m 2e	d) List out the various operator supports in Java with an example.	1M	L1	C215.1
UNIT – II				
3m 2b	e) Explain about single and multiple-level inheritance with an example?	1M	L1	C215.2
3m 2c	f) List out the benefits and costs of Inheritance in Java?	1M	L1	C215.2
3m 2d	g) Explain about generalization in Java?	1M	L1	C215.2
3m 2e	h) Write a Java program to define final with inheritance concept?	1M	L1	C215.2
UNIT – III				
	i) List out the some pre-defined exceptions? 1m 1d	1M	L1	C215.3
	j) Write the syntax of try block? 1m 1e	1M	L1	C215.3

PART – B (20M)

Q. No	Question (s)	Marks	BL	CO
UNIT – I				
2	a) What is meant by method overloading with an example. 5m 3c	4M	L2	C215.1

	b) Explain the characteristics of Java buzzwords. 5m 3e	4M	L1	C215.1
OR				
3	What is meant by array? How can create an array in java with an example.	4M	L2	C215.1
	Explain in detail about operations with examples	4M	L2	C215.1
UNIT – II				
4	Explain in detail about polymorphism and its types. 10m pg 32	4M	L2	C215.2
	How to access package from another package with example	4M	L2	C215.1
OR				
5	a) What is the use of Super keyword? Give an example? pg 25 ques 14	4M	L2	C215.2
	b) What is Abstraction in Java? pg 26 q15	4M	L1	C215.2
UNIT – III				
6	Differentiate between Multitasking and Multithreading?	4M	L2	C215.3
OR				
7	How to implement the nested try block in the exception handling mechanism? 5m 3b	4M	L2	C215.3

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Remember	L1	Understand	L2	Apply	L3
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PART – A (10x1M = 10M)**Note: Answer all Questions. Each Question carries equal marks.**

Q. No	Question (s)	Marks	BL	CO
UNIT – I				
1	a) Define class and object. 1m 1e	1M	L1	C215.1
3m 2a	b) Discuss about polymorphism and its types with an example?	1M	L1	C215.1
3m 2b	c) Discuss about Constructor and its types with an example?	1M	L1	C215.1
3m 2c	d) Discuss the use of class and object in Java with syntax and example?	1M	L1	C215.1
UNIT – II				
3m 2b	e) Explain about single and multiple-level inheritance with an example?	1M	L1	C215.2
3m 2c	f) List out the benefits and costs of Inheritance in Java?	1M	L1	C215.2
3m 2d	g) Explain about generalization in Java?	1M	L1	C215.2
1m 1e	h) List out the forms of Inheritance.	1M	L1	C215.2
UNIT – III				
	i) List out the some pre-defined exceptions? 1m 1d	1M	L1	C215.3
	j) Write the syntax of try block? 1m 1e	1M	L1	C215.3

PART – B (20M)

Q. No	Question (s)	Marks	BL	CO
UNIT – I				

2	a) What is meant by method overloading with an example. 5m 3c	4M	L2	C215.1
	b)) Explain in detail about operators with an example 5m 3a	4M	L2	C215.1
OR				
3	Define string. How to handle strings operations with an example.	4M	L2	C215.1
	What is meant by tpe casting and its types with a syntax?	4M	L2	C215.1
UNIT – II				
4	a) Explain in detail about polymorphism and its types. 10m pg 32	4M	L2	C215.2
	b) What is Abstraction in Java? pg 26 q15	4M	L1	C215.2
OR				
5	a) Define Interface. How to extending the interface with an example?	4M	L1	C215.2
	b) How to access package from another package?	4M	L1	C215.2
UNIT – III				
6	What is package? Explain about built-in packages in java?	4M	L1	C215.3
OR				
7	How to implement the nested try block in the exception handling mechanism with explanation? 5m 3b	4M	L1	C215.3
