R16

Reg. No:

SIDDHARTH INSTITUTE OF ENGINEERING & TECHNOLOGY:: PUTTUR
(AUTONOMOUS)
B.Tech II Year II Semester Supplementary Examinations October-2020
OBJECT ORIENTED PROGRAMMING
(Common to CSE & CSIT)

Time: 3 hours   Max. Marks: 60
(Answer all Five Units **5 x 12 = 60** Marks)

UNIT-I

1	a	Write history of Java and elaborate on its features.	**8M**
	b	Explain about the Iteration Statements in Java with an example.	**4M**

OR

2	a	What are the principles and applications of java?	**6M**
	b	What is Byte Code? What are the different states of Java Program execution?	**6M**

UNIT-II

3	a	Differentiate between class and object.	**4M**
	b	What is a constructor? What are the rules for create constructor and constructor Overloading with examples	**8M**

OR

4	a	Write a java program factorial of a number using command line arguments.	**6M**
	b	Write the difference between Method Overriding and Method Overloading.	**6M**

UNIT-III

5	a	Explain about Thread Life Cycle	**6M**
	b	Write a java program to create own exception for Negative Value Exception if the user enter negative value.	**6M**

OR

6	a	Write a java program to sort the given names into ascending order.	**6M**
	b	Explain try, catch, and throw, throws and finally keywords?	**6M**

UNIT-IV

7	a	Discuss about different layout managers.	**6M**
	b	Write a java program to implement Key events.	**6M**

OR

8	a	Explain about components in swings.	**6M**
	b	Create a simple applet to display a smiley picture using Graphics class methods.	**6M**

UNIT-V

9	a	Explain java networking? Explain the architecture of networking in java.	**6M**
	b	What is JDBC? Explain architecture of JDBC.	**6M**

OR

10	a	Write simple socket programming in java.	**6M**
	b	What are the different JDBC drivers explain with syntax.	**6M**

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