

**PG/INTEGRATED ODD SEMESTER (CBCS) EXAM.,
FEBRUARY 2021**

COMPUTER SCIENCE

5th Semester

COURSE NO. MCSCC - 504

(Programming in Java)

Full Marks : 70

Pass Marks : 28

Time : 3 hours

The figures in the margin indicate full marks for the questions

(Answer any five)

UNIT - I

1. a) What are the synthesis of Java Programming?
Explain. 8
- b) What do you mean by JVM? Explain. 4
- c) How Java Programming is different from C and C++.
2
2. a) Explain following syntax of Java Programming.
4x2=8
- i) Public static void main (string args)

ii) Syntem out println ("Hello 5th Sem")

- b) Write a Java Programming to explain the Nested IF-else concept in Java. 6

UNIT - II

3. What do you mean by constructor? Write a Java Program to implement the Default Constructor and Parameterized Constructor. 2+6+6=14
4. What do you mean by inheritance? Write a Java Program to implement the single inheritance and multi level inheritance. 2+6+6=14

UNIT - III

5. What do you mean by Thread? Write a Java Program to Creste a Thread using Thread Class and Runnable Interface. 2+6+6=14
6. Explain the following: 5+5+4=14
- a) Try
 - b) Gtch
 - c) Finally

UNIT - IV

7. Write a Java Program to Implement event handling on Mouse Events and Keyboard Events. 8+6=14

8. Write a Java Program to Implement event handling on Text Field and Button. 7+7=14

UNIT - V

9. a) What do you mean by applet? Explain various methods of an applet. 2+8=10
- b) What do you understand by Abstract Class in Java & Explain. 4
10. Write a program to cresta Graphical User Interface (GUI) as given below: 14

Customer Name :	<input type="text"/>
Customer Address :	<input type="text"/>
Contact Number :	<input type="text"/>
E-mail ID :	<input type="text"/>
	<input type="button" value="Submit"/>