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B.C.A. IIIrd Semester Examination, 2022

OBJECT ORIENTED PROGRAMMING
USING JAVA

Paper : BCA-302

Time : 3 Hours |

[M.M. : 70

Note :- Answer any five questions.

1. Explain object oriented concepts with example.
Discuss object oriented design benefits with example.
2. Write the difference between class and object.
Explain OOP program components and interface with example.
3. What are the conditional operator and its type ?
Write a Java program to find the largest of three numbers using the ternary operator.



10

7+7



Dislike

7+7



2

7+7

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4. What is constructor in Java? Discuss its type. Write a Java program for constructors overloading. 7+
5. How do you write an override method in Java? Discuss with Java code. 7+
6. Why do we use Vector in Java? Discuss with Java program. 7+
7. How does variable declaration relate to scope? How to add a variable and method to a class? Discuss it with example. 7+
8. What is exception and types of exception in Java? Explain with Java program. 7+7
9. What is the lifecycle of a thread? Discuss it. How to access an interface variable? 7+7
10. How do you create a class in a package? Discuss it with example. 7+

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