

Roll No.

12048

**MBA 2 Year 3rd Semester (CBCS)
(Re-Appear) Examination – October, 2020
OBJECTED ORIENTED ANALYSIS AND DESIGN**

Paper : 17IMG23GT1

Time : 1.45 hours]

[Maximum Marks : 50

Before answering the questions, candidates should ensure that they have been supplied the correct and complete question paper. No complaint in this regard, will be entertained after examination.

Note : Attempt any *three* questions. All questions carry equal marks.

1. (a) What is the difference between multiple and multilevel inheritance ?
(b) What is the role of destructors in C++ program ?
(c) What is use of type conversion ?
(d) What is object ?
(e) How procedure oriented programming is different from oops ?
2. (a) Describe how an object of a class that contains objects of other classes are created.
(b) What are classes ? Explain with example as to how would you be able to identify objects and classes in program .

3. (a) Discuss the role of inheritance in object oriented programming.
(b) Differentiate between Association and Aggregation.
 4. Define modeling. Explain about the importance of modeling in detail. Explain about the steps for modeling the structural relationships with example.
 5. What is dynamic modeling ? Discuss the purpose of dynamic modeling.
 6. What is operator overloading ? Why it is necessary to overload an operator ? Define operator function and describe the syntax of an operator function.
 7. What do you mean by Constructors ? Explain various types of Constructors in C++ with examples.
 8. Explain what do you understand by polymorphism ? Illustrate a suitable C++ program for Operator overloading.
 9. What is Inheritance ? How Polymorphism and inheritance go hand in hand. Cite examples.
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