

**Dr. BABASAHEB AMBEDKAR TECHNOLOGICAL UNIVERSITY**  
**LONERE - RAIGAD - 402 103**

**Regular End Semester Examination – Summer 2022**

**Branch: M. Tech. (CE/CS/CS&IT/CS&E)**

**Subject with Subject Code: Object Oriented Systems - [MTCE1205B]**

**Date: 21-10-2022**

**Semester: II**

**Marks: 60**

**Time: 3 Hrs.**

**Instructions:**

1. Attempt any 5 questions.
  2. Figures / Structures to the right indicate full marks.
  3. Each question Carry 12 Marks
  4. Assume suitable data, if necessary.
  5. Neat diagrams must be drawn wherever necessary.
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**Q. No. 1. Attempt the following questions.**

- A) Explain the concept of code Reuse in object oriented system. [8M]  
B) How we can improve programming using software design. [4M]

**Q. No. 2. Attempt the following questions.**

- A) Explain the different Object Oriented Themes in detail. [8M]  
B) Write a short note on Object –Oriented development. [4M]

**Q. No. 3. Attempt the following questions.**

- A) Explain analysis process by taking any one of the problem statement generated by clients. [8M]  
B) Write a short note on behavioral modeling in UML. [4M]

**Q. No. 4. Attempt the following questions.**

- A) Explain in detail Unified development process in UML. [8M]  
B) Write a short note on Software components and Software framework. [4M]

**Q. No.5 Attempt the following questions.**

- A) Explain Distributed object computing with example. [8M]  
B) Write a short note on CORBA. [4M]

**Q. No. 6. Attempt the following questions.**

- A) Write a short note on query language in Object-Oriented System. [8M]  
B) Explain Object-oriented database system in detail. [4M]