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| **Date: 25-06-2019** |
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PART A

ANSWER ALL QUESTIONS (10\*2=20)

1. Define Object.
2. Define Encapsulation.
3. What is Prototyping? Mention its importance.
4. Define OOBE.
5. What is the role of ACTOR in Use Case Diagram?
6. What is 80-20 Rule?
7. Define Noun-Phrase approach.
8. Define Generalization and Association.
9. What are various access specifiers?
10. What is UML Object Constraint Language?

PART B

ANSWER ANY 5 (6\*5=30)

1. Write in detail about object oriented SDLC with a neat diagram.
2. Explain Macro development process in detail.
3. Consider the following scenario- The user should login using email id and password. Neatly draw an activity diagram.
4. Explain the steps involved in creating effective documentation.
5. Write in detail about Super-Sub class relationship.
6. Explain the concept of Object Oriented design process.
7. Define Database. Explain Hierarchical and Network Database Model.

PART C

ANSWER ANY 2 (2\*10=20)

1. Explain in detail about Jacobson ET AL Methodology.
2. Define Coupling. Explain in detail about its types.
3. Define Corollaries. Explain Corollary 1 and Corollary 2 in detail.

**CA6215\_A\_19**