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**ST JOSEPH’S COLLEGE (AUTONOMOUS), BANGALORE-27**

**BCA OBJECT ORIENTED SYSTEM DESIGN-VI SEMESTER**

**SEMESTER EXAMINATION:APRIL 2018**

**CA 6215-OBJECT ORIENTED SYSTEM DESIGN**

**Time-2 ½ hrs Max Marks-70**

**I. Answer all the following 2\*10= 20**

1.Explain Object Oriented System Design

2.Define Object Identity.

3.Whats the difference between Static and Dynamic model

4.Define UML

5.What are the different types of Attributes

6.What is Object Oriented Analysis

7.What is Object Persistence

8.Define Corollary 3 and explain

9.Whats the difference between a Prototype and a Model

10.Explain Noun phrase approach.

**II.Answer any FIVE of the following. 5\*6= 30**

11.Explain Polymorphism , Abstraction and Encapsulation

12.Explain Jacobson et al methodology

13.Write in detail about different types of prototyping

14.Explain Object Oriented DBMS.

15.Write UML Interaction diagram considering an example of your own

16.Explain OOSD Life cycle.

17.Write the difference between Static and Dynamic Model, Messages and Methods

**III Answer any TWO of the following. 2\*10=20**

18.Write in detail Corollary 1 .

19.Consider your own CASE study and draw the different UML Class diagram

20.Explain Designing Classes in detail