



**BHARATI VIDYAPEETH'S**

**INSTITUTE OF COMPUTER APPLICATIONS & MANAGEMENT (BVICAM)**

(Affiliated to Guru Gobind Singh Indraprastha University, Approved by AICTE, New Delhi)

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**Class Test – 1**

**(Based on Unit I)**

**MCA-II Semester**

**Course Code: MCA 104**

**Course Name: Object Oriented Software Engineering**

**Max Marks: 30**

Q 1.	Define the term software and specify the need for an object oriented software development paradigm?	(02)
Q 2.	How is a model helpful in software development?	(02)
Q 3.	Identify the relationship that the following objects may share: a) Bus and Passengers b) Table of Contents and Book c) Savings Account and Bank Account d) Attendance Sheet and Student	(04)
Q 4.	_____ is a Boolean condition that restricts the values that entities/ elements can actually assume. It can be written inside _____.	(02)
Q5.	Unified Process is characterized as _____, _____, _____ and _____ process model.	(02)
Q6.	Name a standard language for writing software blueprints? Identify its uses also?	(02)
Q7.	A _____ is the graphical presentation of a set of _____, most often rendered as a connected graph of _____ and _____.	(02)
Q8.	Justify the statement, “Process and Models are synonyms”?	(02)
Q9.	What do actors represent in a use case diagram?	(02)
Q10.	If you own a car, how will you describe its state? List atleast 4.	(02)
Q11.	_____ is used to suppress irrelevant “implementation” details and tries to _____ the details.	(02)
Q12.	Enlist the meaning of SOLID design principles?	(05)
Q13.	_____ is used for building relationship between objects. a) Association    b) Link    c) Extend    d) Generalization	(01)