

MASTER OF COMPUTER APPLICATIONS (CBCS - 2020 COURSE)
M.C.A. Sem-II : WINTER :- 2021
SUBJECT: OBJECT ORIENTED SOFTWARE ENGINEERING

Day : Monday
Date 7/2/2022

W-23056-2021

Time : 02:00 PM-05:00 PM
Max. Marks: 60

N.B.:

- 1) Q.4 from section-I is **COMPULSORY**.
- 2) Answer **ANY TWO** questions from **Q.1, 2, 3** in **Section-I**.
- 3) Answer **ANY TWO** questions from **Q.5, 6, 7** in **Section-II**.
- 4) All questions carry **EQUAL** marks.
- 5) Answer to the both sections should be written in **SEPARATE** answer books.
- 6) Draw a labelled diagram **WHEREVER** necessary.

SECTION-I

- Q.1** a) "The Unified Software Development Process is said to be iterative and incremental". Explain. [06]
b) Explain basic building blocks of UML. [06]
- Q.2** a) Write a note on 'Requirement Modeling'. [06]
b) Compare System Sequence Diagram with Collaboration Diagram. [06]
- Q.3** Explain various phases of RUP in detail. [12]
- Q.4** Compare Waterfall, Spiral and V-Model of Software Process on the basis of Project Size, Cost Customer Involvement, Reusability, Risk Involvement, and Flexibility to Change. [12]

SECTION-II

- Q.5** Draw Class Diagram for basic transactions in ATM System. [12]
- Q.6** Draw Activity Diagram for Online Exam System. [12]
- Q.7** Draw Use Case Diagram for Online Shopping System. [12]

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