



WALCHAND COLLEGE OF ENGINEERING
(Government Aided Autonomous Institute)

Visharambag, Sangli - 416415

Second Year B.Tech. Computer Science and Engineering

MSE, ODD SEMESTER, AY 2023-24

Software Engineering (6CS205)



MSE

Date: Wednesday, 27/09/2023

PRN: _____

Time : 3.00 pm to 4.30 pm

Max Marks: **30**

IMP: Verify that you have received question papers with correct course code, branch etc.

Instructions

- All questions are compulsory.
- Writing question number on answer book is compulsory otherwise answers may not be assessed.
- Assume suitable data wherever necessary.
- Figures to the right of question text indicate full marks.
- Mobile phones, smart gadgets and programmable calculators are strictly prohibited.
- Except PRN anything else writing on question paper is not allowed.
- Exchange/Sharing of stationery, calculator etc. not allowed.

Text on the right of marks indicates course outcomes (Only for faculty use)

Marks

A)	Mention the disadvantages of Waterfall model . How the disadvantages are resolved in Prototyping and Iterative model? Draw diagram of these models and brief their working also.	5	CO2
B)	Draw ETVX diagram for Configuration Management Process and illustrate Entry, Task, Verification/validation, eXit of that process in detail.	5	CO2
A)	Discuss on the Cost of Quality aspects. Also explain PAF (Prevention, Appraisal and Failure) model with necessary reasoning details.	5	CO1
B)	Brief on Top-down and Bottom-up approach of effort estimation used in project planning. Also discuss the Risk management aspect to project planning.	5	CO3
A)	Justify the need of SRS . Depict the diagram of the Requirement Process and discuss its phases.	5	CO3
B)	What is CMM (Capability Maturity Model)? Schematically explain key levels of it.	5	CO1

.....End of question paper.....