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

PRN: _____

& Date: Wednesday, 27/09/2023   Time : 3.00 pm to 4.30 pm

Max Marks: **30**

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

1 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
2 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
3 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

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