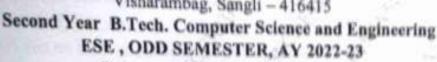
WALCHAND COLLEGE OF ENGINEERING

(Government Aided Autonomous Institute) Visharambag, Sangli – 416415





E-comp.

Software Engineering (6CS205)

ESE

SE-0DD- 2022-23

& Date: Monday, 13/02/2023 Time: 10 am to 1 pm

Max Marks

50

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

nstructio

a) All questions are compulsory.

ns

b) Writing question number on answer book is compulsory otherwise answers may not be assessed.

PRN:

- c) Assume suitable data wherever necessary.
- d) Figures to the right of question text indicate full marks.
- e) Mobile phones, smart gadgets and programmable calculators are strictly prohibited.
- f) Except PRN anything else writing on question paper is not allowed.
- g) Exchange/Sharing of stationery, calculator etc. not allowed.

Text		e right of marks indicates course outcomes (Only for faculty use)	Mar	
Q1	A)	Which are the main phases of Project Management Process? brief about them. Also diagrammatically show how Project Management Process is related with Software Development Process.	5	COI
	B)	Explain PAF (Prevention Appraisal Failure) Model which is used for software quality planning?	5	COI
	2			-
Q2	A)	What do you mean by SDM (Structured Design Methodology)? Discuss it for Library Management System.	5	CO2
	B)	What is achieved using UML diagrams? Draw Use-Case Diagram for "College Library Management System" and brief about it.	5	CO3
Q	3 A)	Students, Faculty, Books, Accounts details etc. Each user could have some web	5	C03
	В	Lie User Interface Development Life Cycle flow. Also enlist UI	5	CO3
(24 A	pair programming?	5	CO2
	I	B) Discuss good programming practices. Also brief about Static Analysis done in coding phase.	5	CO2

Q5 A) Discuss Levels of Testing with diagram. How these levels are associated with SDLC phases? Also brief on which test cases are prepared and when they are prepared during SDLC.

B) What is Black-box and White-box testing method? Also brief on any one method of Test Case Design.