



K. K. Wagh Institute of Engineering Education & Research, Nashik
(An Autonomous Institute From A.Y. 2022-23)

	InSem Examination-IWinter 2023		
	Exam Seat No.:		
	Academic Year:2023-2024	Semester:I	
	Name of Programme:MCA	Pattern:2022	
	Name of Course:Software Engineering	Course Code:221005	
	Max. Marks:30	Duration:1	

Instructions: Candidates should read carefully the instructions printed on the Question Paper and on the cover page of the Answer Book, which is provided for their use.

1. This question paper contains ____page(s).
2. Answer to each new question is to be started on a new page.
3. Assume suitable data wherever required, but justify it.
4. Draw the neat labelled diagrams, wherever necessary.
5. The last columns indicates the Course Outcome and level of Blooms Taxonomy of the Question/sub-question

Question No. 1 Attempt following Question

- a) What is Software Engineering? Explain SDLC in detail with a diagram. (8) CO1

OR

- b) Explain Models of Software Lifecycle. (8) CO1
- c) Explain the Waterfall Model and Evolutionary Process Model in detail. (7) CO1

OR

- d) Why is Software Engineering required? Explain the Need for Software Engineering. (7) CO1

Question No. 2 Attempt following Question

- a) What is SRS? Explain the Process of Requirement Engineering. (8) CO2

OR

- | | | | |
|----|---|-----|-----|
| b) | Develop SRS for Online Exam Portal/Management System. | (8) | CO2 |
| c) | Explain Behavioural and Non Behavioural Requirements. | (7) | CO2 |

OR

- | | | | |
|----|---|-----|-----|
| d) | Explain the process of developing a use case. | (7) | CO2 |
|----|---|-----|-----|