



Department of Computer science and engineering

Subject Name: ESSENTIALS OF IT

Subject Code: 1BESC204E

SEM: 2

DIV: H&I

Faculty: Prema C R

Module-4 Question Bank

S N	Question	CO	Level	Marks
1	Explain the four stages of the traditional software development life cycle.	CO3	L3	10
2	Describe how modularity facilitates understanding, debugging and modifying large software systems. Develop a simple structure chart for tennis game.	CO3	L3	10
3		CO3	L3	10
4	Explain different software engineering methodologies with suitable examples.	CO3	L3	10
5	Explain the role of Unified Modeling Language (UML) in software engineering. Develop use case diagram for Hospital Records System.	CO3	L3	10
6	Compare and contrast the Waterfall model with Incremental and Iterative software development methodologies.	CO3	L3	10
7	Describe the concept of Modularity and explain why it is essential for large-scale software systems.	CO3	L3	10
8	With a diagram, explain the conceptual layers of a database implementation. Develop a query to retrieve names of male employees from a table Employee (Id, Name, gender, age, salary)	C04	L4	10
9	Explain Three relational database operations. Develop a query to insert the record into the table Employee (Id, Name, gender, age, salary).	C04	L4	10
10	Compare and contrast the Waterfall model with Incremental and Iterative software development methodologies.	C04	L4	10
11	Explain with example Three relational database operations	C04	L4	10
12	Explain Three relational database operations. Develop a query to insert the record into the table Employee (Id, Name, gender, age, salary)	C04	L4	10

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