

USIT404 SYBSC(IT) Sem-4 Software Engineering

Unit-1 Question Bank

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1	What are the characteristics of software?	1-1
2	What is Software Engineering ?	1-5
3	Explain Software process and project with its Components	3-1
4	Explain the layered technology of software engineering	1-6
5	State the core principles of software engineering practice	1-7
6	Differentiate functional and non-functional requirements.	2-1
7	Describe the quality criteria of good SRS	2-5
8	Explain all phases of waterfall model	4-2
9	Explain Spiral Model	4-15
10	Write a short note on RAD	4-11
11	State and explain the 12 Principles of Agile	5-1
12	What is Agile Project Management	5-10

Unit-2 Question Bank

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1	What is Class ? How is class defined in Java?	5-3
2	How instance variables are declared in Java	5-3
3	Write a short note on types of classes.	5-4
4	What is an access modifier ?	5-6
5	Explain the semantics and functionality of the give statements : Rectangle rec = new Rectangle(a,b)	5-8
6	Write a short note on class methods	5-9
7	What is method overloading? Explain in detail	5-11
8	What are variable arguments ?	5-12
9	What is a constructor ? Explain its types	5-13
10	Write a short note on constant in Java	5-15
11	Explain static fields of class	5-16
12	Write a short note on garbage collection	5-18

Unit-3 Question Bank

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Unit-5 Question Bank

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