BE Semester-__V__ (CE) Question Bank

Software Engineering

All questions carry equal marks (10 marks)

Q.1	Write a short note on SQA activities.
Q.2	Explain about DFD with Example.
Q.3	Explain Risk Management in detail.
Q.4	Write a short note on Reverse Engineering.
Q.5	Write a short note on software reengineering.
Q.6	Write a short note on PERT and CPM.
Q.7	Explain various types of software by example.
Q.8	Explain use case diagram for Railway ticket reservation
Q.9	What is project management? Explain role of project manager in it.
Q.10	Explain Prototype model with its advantages and disadvantages.
Q.11	Explain the concept of Leadership and different motivation technique in detail.
Q.12	What is UML? State its advantages and explain various symbols of it.
Q.13	Explain difference between conventional and object oriented approach.
Q.14	Explain Software development life cycle.
Q.15	Explain waterfall model with its advantage and disadvantage.
Q.16	Explain incremental process model and its advantages
Q.17	What is black box testing? Explain it with example.
Q.18	What is white box testing? Explain it with example.
Q.19	Explain Difference between Graphical and Text base user Interface.
Q.20	What is coupling? Explain different types of coupling by example.
Q.21	Write a short note on software reusability.
Q.22	Explain Data Dictionary with its content in detail with example.

Q.23	Discuss various software matrices.
Q.24	Discuss Five levels of SEI-CMM.
Q.25	What do you mean by umbrella activities? Explain by example.
Q.26	Explain spiral maodel using example.
Q.27	What is cohesion? Differentiate Cohesion and coupling.
Q.28	Write a short note on project management.
Q.29	Explain risk evaluation in detail.
Q.30	What is feasibility? Explain different types of feasibilities in detail.
Q.31	"Software doesn't wear out" – Explain in detail.
Q.32	Draw explain ER diagram of Library management system
Q.33	Draw DFD and ER diagram of Human resource management system.
Q.34	Draw Activity and sequence diagram for online flight reservation system.
Q.35	Explain in detail about cost benefit evaluation techniques and its methods.
Q.36	Identify major risks of payroll projects, and rank them according to their importance
Q.37	Write short notes on cost-benefit analysis and cash flow forecasting.
Q.38	Explain by giving example. Business, Embedded and System software
Q.39	Write a short note on software reusability.
Q.40	Discuss contents of Software Requirement Specification document.a