**S.B.V.P. Samaj’s**

**Sahakar Maharshi Bhausaheb Santuji Thorat College of**

**Art’s, Science & Commerce Sangamner -422605, Dist-A.nagar**

**DEPARTMENT OF BBA[COMPUTER APPLICATION]**

Question Bank

Name of Subject –SE

1) What is feasibility study?

2) Define RAD.

3) What is SRS?

4) Define an Entity.

5) What is Pseudocode?

6) State the principles of software testing?

7) What is Software Reengineering?

8) What is requirement elicitation?

9) What is prototype?

10) What is system?

11) Explain spiral model in detail.

12) Differentiate between White Box and Black-Box testing.

13) What is SDLC? Describe its phases?

14) Explain fact finding methods in brief.

15) Define software maintenance. Explain types of software maintenance.

16) Draw decision tree for the following case. A company gives discount onthe purchase of goods depending on the sales and duration of payment.

i) 5% discount if order amount > 50,000.

ii) 3% discount if order amount between 25,000 and 50,000.

iii) No discount if order < 10,000 or payment is not done within 8 days.

17) Explain in detail about coupling and cohesion.

18) Draw ER-Diagram for “Hotel Management System”.

19) What is Decision Table? Need of Decision table.

20) Design a screen layout for employees salary slip.

21) Material is issued to the department by considering whether the Material

Requisition Note (MRN) is signed or not. It contains valid items or not

and it is given within 8 Hours or not. Draw decision table for the above

case.

22) Draw first level DFD for customer order system.

23) Differentiate between forward and reverse engineering.

24) Explain elements of Data flow diagrams?

25) What is Data Flow Diagram? Explain benefits of DFD, Advantages of

DFD, Disadvantages of DFD.

26) Feasibility study.

27) Spiral model.

28) Software maintenance.

29) What is system?

30) Define software?

31) Define RAD.

32) What is SRS.

33) State the principles of Software Testing?

34) What is software Reengineering?

35) State advantages of Waterfall model.

36) State any two types of coupling.

37) Define an Entity.

38) What is Pseudocode?

39) Explain various types of system.

40) Explain different McCall’s quality factors.

41) Explain spiral model in detail.

42) Discuss different fact finding techniques.

43) Differentiate between White - Box and Black-Box Testing.

44) Material is issued to the department by considering whether the Material.Requisition Note (MRN) is signed or not. It contains valid items or notand it is given within 8 hours or not. Draw decision table for the abovecase.

45) Design a Input screen layout for creating user account on Internet

(with personal details, user-id and password, save, cancel commands

etc).

46) Draw decision tree for the following case:

A company gives discount on the purchase of goods depending on the

sale and duration of payment:

i) 5% discount if order amount > 50,000.

ii) 3% discount if order amount between 25,000 and 50,000

iii) No discount if order amount < 10,000 or payment is not done within

8 days.

47) Design an screen layout for employees salary slip.

48) Draw ER-Diagram for “College Admission System”.

49) Draw first level DFD for Hospital Management system in which the hospital

has Inpatient Department (IPD), outpatient Department (OPD) the system

maintains patient records and bills of the patient.

50) Identify all entities of online shopping system.

51) Draw context level diagrams for online shopping system.

52) Draw first level DFD for customer Order system.

53) Explain elements of Data flow diagrams?

54) Types of Cohesion

55) Validation and Verfication Testing.

56) Feasibility study.