

SET -2.1 Odd Roll No

Q1) Which model suggests a systematic sequential approach to software development that begins at the system level and progresses through analysis, design, coding, testing and support? Explain the phases of this model in brief with two advantages and two disadvantages. (10 MARKS)

Q2

- a) What are the properties of good SRS document explain detail with examples.(5 Marks)
- b) Discuss the various non-functional requirements and constraints that are required to create a complete SRS document.(5 Marks)

Q3)

- a) Give any example which describes the software crises due to design. (5 Marks)
- b) Exemplify the developer myths with suitable scenario. (5 Marks)

SET -2.2 Even Roll No

Q1) Explain functional requirements and identify at least two functional requirements of bank auto mated teller machine (ATM) System? Explain in detail. (10 Marks)

Q2)

- a) Describe the myths of customer in software development, and what is reality? (5 Marks)
- b) Elaborate any two reasons of software crisis. (5 Marks)

Q3) Is the number of loops present in the Spiral Model fixed?

- a) If yes, write down the number of loops the spiral model has. If the answer is no, then explain how and on what basis the number of loops of the spiral can be determined with the help of a well labelled schematic diagram. (5 marks)
- b) Explain how spiral model can be preferred over the Prototyping Model. (5 marks)