

1/3/2023

Indian Institute of Engineering Science and Technology, Shibpur

B. Tech (CST) 6th Semester Midterm Examinations, 2023

Software Engineering (CS 3203)

Full Marks: 30

Time: 2 Hours

Answer any three

1. a) What is a Software development life cycle?
b) Discuss the spiral model with the appropriate diagram. (2+8)

2. a) What are the main challenges of requirement analysis?
b) Discuss the features of a good SRS. (2+8)

3. a) What are the basic types of design in software engineering?
b) Discuss the features of a good interface design. (2+8)

4. a) Mention the names of two diagrams used for procedure-oriented and object-oriented architecture design respectively.
b) Discuss an example data flow diagram up to Level-3 for an application of your choice. (2+8)