Indian Institute of Engineering Science and Technology Shibpur
Department of Computer Science and Technology
BTech(CST), 6th Semester, Mid Term Examination, 2022
Software Engineering (CS-3203)

Full marks: 30   **Time**: 45 minutes + Uploading

Read the following instructions carefully
- *Answer any three questions.*
- ***For descriptive questions arrange your answer pointwise and discuss each point with not more than 60 words***.
- *Use appropriate diagrams wherever desired.*
- *On the top of the answer script write Name of the Examination, Name of the Subject, Subject Code, Date of Examination, Name of the Student, Examination Roll Number, G-Suite ID and Number of Sheets uploaded.*
- *Before uploading scanned copy of answer script, rename it as your examination roll number.pdf*
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1. (a) What is SDLC? (b) Discuss its phases briefly.   [2+8]

2. Discuss applicability, advantages and disadvantages of the iterative waterfall model.   [10]

3. (a) What are the steps of requirement engineering?

   (b) *"Requirement specification is one of the toughest challenges for developers"* justify the statement.

                                                                                          [2+8]

4. (a) Introduce the terms, CLI and GUI. (b) Analyze advantages and disadvantages of the both.

                                                                                          [2+8]

(Dr. Tamal Pal)
Paper Setter