

B. Tech. IV Semester in Information Technology
Internal Examination (TEST 1), 26th April 2021
IT 19-204-0404 SOFTWARE ENGINEERING
(1 Hour; 25 Marks)

Instructions:

- A. This is a test to check your understanding of SE concepts; not your ability to copy answers.
- B. Write what you know precisely and concisely.
- C. Write your answers legibly in an A4 sheet (preferably 2 pages only) and upload it within time.
- D. Design your answer content proportional to the given marks.
- E. The test is for 1 hour and 25 marks

Questions:

- 1. What are the 3 major advantages of following SDLC? (1 mark)
- 2. List the various phases of the classical waterfall model. What are the disadvantages of it? (6 marks)
- 3. Define the various types of software maintenance. (3 marks)
- 4. Which type of projects use prototyping models? Justify. (4 marks)
- 5. With an example, differentiate the functional and the non-functional requirements of a system? (2 marks)
- 6. What is the Agile model? What are the good practices that have been recognised in the Extreme Programming model ? (6 marks)
- 7. How to select a suitable life cycle model for a specific project? (3 marks)