Total No. of Pages: 1   *Roll No...............*
6th Semester   **B. Tech.**
Mid Semester Examination   **(March-2019)**
                  MC 310: Software Engineering

Time: 1:30 Hours   **Max. Marks: 25**

Note: All questions are compulsory.

1. (a) What is Software Development Life Cycle (SDLC)?   (1 mark)
   (b) Describe briefly the characteristics of software as a product. (2 marks)
   (c) What are functional and non-functional requirements?   (2 marks)

2. (a) What is the role of data dictionary?   (1 mark)
   (b) Differentiate between SRS document and design document.   (2 marks)
   (c) State two disadvantages of spiral model of software development.
                                                                 (2 marks)

3. (a) In the context of object-oriented design, explain the concept of abstraction.
                                                                 (2 marks)
   (b) Describe the various steps of requirements engineering process. (3 marks)

4. Define module cohesion and explain different types of cohesion.   (5 marks)

5. Explain the different phases involved in waterfall model. Mention its
   drawbacks.   (5 Marks)

END