CLASS: IMSC   **SEMESTER : VII**
BRANCH: IMH   **SESSION : MO/2022**

SUBJECT: CA505 SOFTWARE ENGINEERING

TIME: 3:00 Hours   **FULL MARKS: 50**

INSTRUCTIONS:
1. The question paper contains 5 questions each of 10 marks and total 50 marks.
2. Attempt all questions.
3. The missing data, if any, may be assumed suitably.
4. Before attempting the question paper, be sure that you have got the correct question paper.
5. Tables/Data hand book/Graph paper etc. to be supplied to the candidates in the examination hall.

Q.1(a)	What is the roll of software engineering in the software industry? Explain.	[2]
Q.1(b)	Explain the waterfall model.	[3]
Q.1(c)	What is the incremental process model and explain its benefits.	[5]
Q.2(a)	Explain requirement engineering task.	[2]
Q.2(b)	What is the initiating requirement engineering process?	[3]
Q.2(c)	What is the building analysis model? Explain	[5]
Q.3(a)	What is the design process?	[2]
Q.3(b)	Write sort note on design concepts.	[3]
Q.3(c)	Explain the pattern-based software design.	[5]
Q.4(a)	What is the software testing? Explain.	[2]
Q.4(b)	Explain the validation testing system.	[3]
Q.4(c)	Write the black box testing and white box testing.	[5]
Q.5(a)	Explain the quality concepts.	[2]
Q.5(b)	What is the software reliability in the software engineering?	[3]
Q.5(c)	Explain the software configuration management.	[5]