

Department of Computer Science, Banaras Hindu University, Varanasi -221 005.

MCA 1<sup>st</sup> Semester Mid-term Examination - 2022-2023

Paper No.: CS205: Software Engineering

Attempt all five questions.

(5 x 4 = 20 marks)

1. What is software? Write any two characteristics of software as a product. Explain why we need to apply software engineering principle for software development.
2. Explain software process and its role in software development. List two deficiencies in waterfall model. Which process model do you suggest to overcome each deficiency?
3. What are the concerns on evolutionary models? Discuss the spiral model in detail.
4. What is software myth? Explain various myths on software development among the programmers and managers.
5. Describe software process pattern and its types. Also give an example for process pattern.

Topic, phone