

1. Software process
 - a) Explain what software process is. (2 marks)
 - b) List and describe the four fundamental activities which are common to all software processes. (12 marks)
2.
 - a) List the at least 4 types of system documentation in software project. (2 marks)
 - b) Explain the importance of the documentation of a software project. (6 marks)
3. Assume that you are a software engineer that just newly join in a development team. The team received a project to develop a patient management system for a clinic. The team is discussing to use plan driven process or prototyping process. You need to contribute your ideas to the team. Suggest which process will be your option and give 4 reasons to support your choice. (8 marks)
4. Draw a burn down chart to track the progress of development in a sprint based on the scenario given as below: (10 marks)
 - i. Sprint duration: 1 week
 - ii. Number of working days per week: 5
 - iii. Number of scrum team members: 6
 - iv. Work hours per day: 8

Table 1: Total effort for all team members in a Sprint

Day of Sprint	Total Effort (hours)
1	60
2	48
3	60
4	40
5	32