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| Date: 18-06-24 | Course Code: 21IS62 | Maximum Marks: 50 |
| Sem: VI | Course: Software Engineering | Duration: 90 Minutes |

| Sl. No. | Questions | M | BT | CO |
|---------|---|----|----|----|
| 1 | Elucidate the findings of the ACM/IEEE-CS Joint Task Force on Professional Practice and Ethics in Software Engineering. | 10 | 2 | 1 |
| 2 | Enumerate the common non-functional needs in the creation of a software product using a figure. | 10 | 2 | 1 |
| 3 a | Give a brief explanation of the main elements of the Scrum process. | 5 | 2 | 1 |
| 3 b | Examine the differences and similarities between Agile and Plan-driven product development. | 5 | 2 | 1 |
| 4 a | Explain the Extreme Programming release cycle with a clear diagram. | 5 | 1 | 4 |
| 4 b | A pair of programmers' productivity may be higher than that of two programmers working alone. Provide 4 reasons | 5 | 3 | 1 |
| 5 a | Discuss Boehm's spiral model of the software process with the help of a diagram. | 5 | 2 | 4 |
| 5 b | How do you differentiate Software Engineering and System Engineering? Discuss with the help of an example. | 5 | 2 | 1 |

| Marks Distribution | Particulars | CO1 | CO2 | CO3 | CO4 | CO5 | L1 | L2 | L3 | L4 | L5 | L6 |
|--------------------|-------------|-----|-----|-----|-----|-----|----|----|----|----|----|----|
| | Max Marks | 40 | -- | -- | 10 | -- | 10 | 35 | 5 | -- | -- | -- |
