

Time 3 Hours

Marks 80

Instructions

Q1 is compulsory

Attempt any three from Q2 to Q6

Assume data if required

Q1

- | | | |
|----------|---|-----------|
| a | Explain generic process model | 05 |
| b | How Waterfall model differs from Incremental model | 05 |
| c | Elaborate on different requirements engineering tasks | 05 |
| d | What are different review techniques? Elaborate any one | 05 |

Q2

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|----------|--|-----------|
| a | Explain Adaptive Software Development | 10 |
| b | Explain core principles of software Engineering practice | 10 |

Q3

- | | | |
|----------|--|-----------|
| a | How architectural style differs from architectural pattern. Do architecture influence the quality of design? | 10 |
| b | Explain different testing strategies. What are different types of system testing? | 10 |

Q4

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|----------|---|-----------|
| a | Give the difference between product oriented deliverables and project oriented deliverables | 10 |
| b | Explain McCall's quality factors | 10 |

Q5

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|----------|---|-----------|
| a | Explain Project Planning framework, what are the points to be considered when setting the objectives IT project Communication System. Give any three. | 10 |
| b | How FTR help in achieving quality | 10 |

Q6

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|----------|--|-----------|
| a | Elaborate on SPI framework activities. | 10 |
| b | Write note on CMMI | 10 |