

Seat
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CII1334

Software Engineering (New) (1090)

P. Pages : 2

Time : Three Hours

Max. Marks : 100

Instructions to Candidates :

1. Do not write anything on question paper except Seat No.
2. Answersheet should be written with blue ink only. Graph or diagram should be drawn with the same pen being used for writing paper or black HB pencil.
3. Students should note, no supplement will be provided.
4. Attempt **any two** subquestions from each unit.
5. Assume suitable data wherever necessary & state the assumptions made.

UNIT - I

1. a) Explain software applications. 10
b) What is software Engineering ? Explain characteristics of software. 10
c) Explain classification of CASE tools. Explain importance of them in software Engineering. 10

UNIT - II

2. a) What is make - buy decision ? Explain with example. 10
b) Explain : 10
i) QFD ii) Data dictionary.
c) What is SRS ? Explain in detail. 10

UNIT - III

3. a) Explain FAST in detail. 10
b) Explain functional modeling & behavioral modeling. 10
c) Explain elements of analysis model. 10

UNIT - IV

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| 4. | a) | Explain cohesion & coupling in detail. | 10 |
| | b) | Explain in detail software design principals. | 10 |
| | c) | What is transform mapping & explain design steps in detail. | 10 |

UNIT - V

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| 5. | a) | What do you mean by software testing ? Explain software testing strategies in detail. | 10 |
| | b) | Explain Black box testing & white box testing in detail. | 10 |
| | c) | Explain concept & principles of object oriented software Engineering (OOSE). | 10 |
