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Name of Examination : **Winter 2020** - (Preview)

Course Code & Course Name : **CO302 - Software Engineering**

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Maximum Marks : **60**   Duration : **3 Hrs**

Edit   Print   View Answer Key   Close   **Answer Key Submission Type:** Marking scheme with model answers and solutions of numerical

Instructions:

1. *All questions are compulsory.*
2. *Illustrate your answer with suitable figures/sketches wherever necessary.*
3. *Assume suitable additional data; if required.*
4. *Use of logarithmic table, drawing instruments and non programmable calculators is allowed.*
5. *Figures to the right indicate full marks.*

1)   Solve any two sub questions

a)   Define Software with its characteristics.   [06]

b)   Write short note on Extreme Programming.   [06]

c)   What is product and process and differentiate product and process.   [06]

2)   Solve any two sub questions

a)   What is agility and explain agile development?   [06]

b)   How to maintain the sprint backlog.   [06]

c) Explain scripted testing.   [06]

3)   Solve any two sub questions

a)   Explain requirement engineering.   [06]

b)   Draw a neat and well labelled diagram of Kano Model and explain it. ?   [06]

c) Draw a neat and clean use case diagram for library management system.   [06]

4) a)   What are the interface design principles?   [06]

b) What are the Shneiderman's Eight Golden Rules of Interface Design?   [06]

5) a)   Explain the task in software configuration management.   [06]

b)   What is Model-Driven development and why it is popular?   [06]

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