B.E. (Computer Engineering) Sixth Semester (C.B.S.)
Software Engineering & Project Management

P. Pages : 2

Time : Three Hours

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0767

NRT/KS/19/3503

Max. Marks : 80

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Notes :
1. All questions carry marks as indicated.
2. Solve Question 1 OR Questions No. 2.
3. Solve Question 3 OR Questions No. 4.
4. Solve Question 5 OR Questions No. 6.
5. Solve Question 7 OR Questions No. 8.
6. Solve Question 9 OR Questions No. 10.
7. Solve Question 11 OR Questions No. 12.
8. Due credit will be given to neatness and adequate dimensions.
9. Assume suitable data whenever necessary.
10. Illustrate your answers whenever necessary with the help of neat sketches.

1. a) Explain software engineering. A layered technology. 8

   b) Explain various software characteristics with suitable example. 6

OR

2. a) State & explain RAD model. 8

   b) Explain the role of prototype model in software engineering. 6

3. a) Explain the seven tasks involved in requirement engineering process with example. 6

   b) Explain the elements of analysis model. 7

OR

4. a) Explain flow oriented and class Based Modeling with example. 7

   b) Explain how requirements engineering is important for product engineering. 6

5. a) Explain the steps involved in architectural design process. 7

   b) What is modularity ? Write in detail about effective modular design. 6

OR

6. a) Explain about user interface design. 6

   b) How to build an effective user interface ? Explain user interface design process in brief. 7