VASAVI COLLEGE OF ENGINEERING (Autonomous), HYDERABAD B.E. (CBCS) II-Semester Main Examinations, June/July-2017 Software Engineering Max. Marks: Note: Answer ALL questions in Part-A and any FIVE from Part-B Part-A (10 × 2 = 20 Marks) Define Software Cost. Describe Software Quality. Identify various issues, which must be addressed by SRS. What is Modularity? Define object and object class. What is risk management? What is Unit-testing? Define process pattern. Define Reverse Engineering. Part-B (5 × 10 = 50 Marks) 11. a) Describe process model? Explain incremental process model. b) Identify various limitations of a Waterfall process model. 12. a) Identify the role of a Software Architecture. b) Explain different requirements validation techniques. 13. a) What is Design? Explain principles of Design. b) How can a risk be identified and how to project the same? 14. a) Discuss white-box-testing. b) List various techniques to be considered while generating Black-Box test cases. 15. a) Why software engineering is called a layered technology? b) Distinguish between restructuring and forward engineering. 16. a) What is meant by software prototyping? b) What are the common characteristics and differences in different requirement analyses.	3200
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17. Answer any <i>two</i> of the following:	
a) User Interface Design	
b) Metrics for design modelc) Software Reengineering.	