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Total No. of Pages : 01

Total No. of Questions : 08

Ph.D in Faculty of Engineering (CSE)
ADVANCED SOFTWARE ENGINEERING

M.Code : 77355

Time : 3 Hrs.

Max. Marks : 100

INSTRUCTIONS TO CANDIDATES :

1. Attempt any FIVE questions out of EIGHT question.
2. Each question carry TWENTY marks.

1. a) What is Software Project Planning? What are its characteristics? Explain in detail.
b) What are the various types of metrics? Give examples.
2. Discuss various Schedule and cost estimation models in detail.
3. a) What is component based development? Explain classifying and retrieving components.
b) Explain the economics Component based software engineering.
4. a) What is client-server software engineering? Explain its structure in detail.
b) Discuss component based software engineering process in detail.
5. a) What are the attributes of web based applications? Explain.
b) Discuss design and testing for web based applications.
6. a) Explain the concept of Business Process Re-engineering in detail.
b) What is Re-engineering? What is its need? Distinguish between reverse engineering and re-engineering.
7. a) Explain the BOOTSTRAP methodology in detail.
b) Explain the Six-Sigma concept for Software quality.
8. a) What are the building blocks for CASE taxonomy for CASE tools? Explain.
b) Explain the TQM concept in detail.

NOTE : Disclosure of Identity by writing Mobile No. or Making of passing request on any page of Answer Sheet will lead to UMC against the Student.