SV - 221

Seat No.	

Total No. of Pages : 2

B.E. (Computer Science and Engg.) (Semester - VIII) (Revised) Examination, May - 2019

Software Testing and Quality Assurance (Elective - II)

Sub. Code : 67828

Day and Date : Wednesday, 22 - 05 - 2019 **Total Marks : 100**

Time : 10.00 a.m. to 01.00 p.m.

Instructions :
1) **Q.4 and Q. 8 are Compulsory.**
2) **Attempt any two questions from Q.1 to Q.3.**
3) **Attempt any two questions from Q.5 to Q.7.**

SECTION - I

Q1) a) What is software testing? Why should we test? [8]
b) Explain V shaped software lifecycle model. [8]

Q2) a) What are different software verification methods? [8]
b) What do you mean by software project audit? Explain in brief project audit and review checklist. [8]

Q3) a) Explain use cases and use case diagram in detail? [8]
b) What is regression testing? [8]

Q4) Write a note on (Any two) : [18]
a) Software failures with example.
b) SRS document verification.
c) Risk analysis.

SECTION - II

Q5) a) What do you mean by scope of software metrics? Explain degree of software measurement. [8]
b) Explain functional testing with suitable example. [8]

P.T.O.

Q6) a) What should we measure during testing? [8]

b) Explain usability testing steps. [8]

Q7) a) Explain Albretch's approach with respect to functionality? [8]

b) What are security threats? Explain security testing. [8]

Q8) Write a note on (Any two) : [18]

a) Object oriented metrics used in testing.

b) Problems with function points measure.

c) Performance testing.

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