

B.C.C.A. III (with Credits)-Regular-Semester 2012 Sem VI
BCCA364 - Paper- IV : Software Testing and Quality Assurance

P. Pages : 2

Time : Three Hours



GUG/W/16/5148

Max. Marks : 80

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- Notes : 1. All question are compulsory and carry equal marks.
2. Draw neat and clean diagram whenever necessary.
3. Avoid vague answer and write answer relevant and specific to question only.

Either

1. a) Define Software Testing? Discuss in brief static and dynamic Testing. 8
b) What are the Test strategies for conventional software. 8

OR

- c) Write down the difference between testing and debugging. 8
d) Write about Testing choice. 8

Either

2. a) Distinguish between the unit Testing and integration Testing. 8
b) Explain : 8
i) Top – down Testing.
ii) Bottom – up Testing.

OR

- c) Write about recovery and security of system testing. 8
d) What are the criteria for completion of testing? Explain. 8

Either

3. a) What do you mean by Risk Management? Explain how to assess the project Risk. 8
b) Write in detail about Risk Mitigation. 8

OR

- c) Discuss in brief ISO 9000 series standard. 8
d) Describe in brief Quality Management Standards. 8

Either

4. a) What do you mean by SRS? Explain. 8

- b) Write about software design process. 8

OR

- c) Discuss in brief waterfall model with suitable diagram. 8
- d) What are the phases in software development life cycle. 8

5. Solve all questions.

- a) Why Testing is Difficult? Explain your views. 4
- b) What are the significance of Testing. 4
- c) Explain in short Risk identification. 4
- d) What are the Advantages of waterfall model. 4

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