

**UBCCAT605.1 / 005 - Elective-I Paper-V : Software Testing Quality Assurance**

P. Pages : 2

Time : Three Hours



**GUG/S/24/13386**

Max. Marks : 40

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- Notes : 1. All questions are compulsory and carry equal marks.  
2. Draw neat and labelled diagram and use supporting data wherever necessary.  
3. Avoid vague answers and write specific answers related to questions.

**Either:**

1. a) Define Software testing. Explain the verification process in software testing. **4**  
b) Explain the organization for software testing in detail. **4**

**OR**

- c) Explain the importance of test strategies for conventional software. **4**  
d) Explain the integration testing using example. **4**

**Either:**

2. a) Explain the alpha testing in detail. **4**  
b) Define system testing and explain the system testing security in detail. **4**

**OR**

- c) Explain the performance testing in detail. **4**  
d) Write a note on Debugging process. **4**

**Either:**

3. a) Explain the factors of Risk identification in detail. **4**  
b) Explain the project Risk using suitable example. **4**

**OR**

- c) Explain the following- **4**  
i) Monitoring  
ii) Management  
d) Explain the Risk Mitigation in detail. **4**

**Either:**

4. a) Explain the importance of Quality Management in detail. 4  
b) Explain the concept of formal technical Reviews in detail. 4

**OR**

- c) Define Quality Assurance and explain in detail. 4  
d) Write six sigma for software engineering in detail. 4
5. Solve all the question.
- a) Explain about UNIT testing in short. 2  
b) Write a short note on Beta testing. 2  
c) Explain the Risk components in short. 2  
d) Write a note on Review Meeting. 2

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