

B.C.C.A.-III (CBCS Pattern) Semester - VI  
**UBCCAT605.1 / 005 - Paper-V (Elective-I)**  
**Software Testing Quality Assurance**

P. Pages : 2

Time : Three Hours



**GUG/S/23/13386**

Max. Marks : 40

- 
- 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 answer and write specific answer related to question.

**Either**

1. a) Explain the feature and advantages of software testing. 4
- b) Write the role of organization for software testing. 4

**OR**

- c) Explain the UNIT Testing in detail. 4
- d) Write Integrating testing in detail. 4

**Either**

2. a) Write Alpha and Beta testing in detail. 4
- b) Explain Debugging strategies in detail. 4

**OR**

- c) How will you correct the errors ? Explain. 4
- d) Explain the following. 4
  - i) Recovery
  - ii) Security

**Either**

3. a) Explain risk components in detail. 4
- b) What is software risk ? 4

**OR**

- c) What is risk mitigation in software? 4
- d) Explain the risk impact of assessing the software. 4

**Either**

4. a) Explain quality assurance in detail. 4

- b) Explain reporting and record keeping in quality assurance. 4

**OR**

- c) What is software quality assurance ? Explain with example. 4

- d) Explain “six sigma for software engineering”. 4

**5.** Solve **all** the questions.

- a) What is verification. 2

- b) Explain psychological consideration. 2

- c) How will you develop a risk table ? 2

- d) Explain the advantages of quality assurance. 2

\*\*\*\*\*