

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

P. Pages : 2

Time : Three Hours



GUG/W/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 answer related to questions.

Either:

1. a) What is software testing? Write the feature of software testing. 4
- b) Describe the procedure of software testing organization. 4

OR

- c) Describe UNIT testing in detail. 4
- d) What is integration testing? Explain in detail. 4

Either:

2. a) What do you understand by validation testing in detail. 4
- b) Explain the following in detail. 4
 - i) Recovery
 - ii) Security

OR

- c) Write down the procedure of debugging in detail. 4
- d) What are psychological consideration in software testing? Explain with example. 4

Either:

3. a) Explain risk components and divers in detail. 4
- b) Explain the following in detail- 4
 - i) Software risk
 - ii) Risk identification

OR

- c) What is the Risk impact of assessing the software? Explain it. 4
- d) Describe in detail and write the procedure for developing a risk table. 4

Either:

- 4. a) Describe the concept of quality & Explain formal technical review. 4
- b) What is reporting and record keeping in quality assurance? Explain it in detail. 4

OR

- c) Describe the assurance generic with example. 4
 - d) Define six sigma for software engineering in detail. 4
5. Solve all the question.
- a) Write short note on 'A strategic approach to software testing. 2
 - b) How to correct the errors? Explain. 2
 - c) What is risk monitoring? Explain. 2
 - d) Write down the advantages of quality assurance. 2
