



UNIVERSITY OF THE PUNJAB

B.S. 4 Years Program / Eighth Semester – 2019

Paper: Software Quality Assurance
Course Code: IT-407 Part – I (Compulsory)

Time: 15 Min. Marks: 10

Roll No. in Fig.

Roll No. in Words.

Signature of Supdt.:

ATTEMPT THIS PAPER ON THIS QUESTION SHEET ONLY.

Division of marks is given in front of each question.

This Paper will be collected back after expiry of time limit mentioned above.

(10x1=10)

Q.1. Encircle the correct option.

1. _____ Testing is performed by Developer?
A. White BOX
B. Black BOX
C. Grey BOX
D. UNIT testing
2. Internal details are hide in _____ Testing
A. White
B. Black
C. Red
D. Grey
3. Which statement is not True about SQA?
A. Audits and reviews to be performed by the team
B. Amount of technical work to be performed
C. Evaluation to be performed
D. Documents that are produced by the SQA team
4. Select the people who identify the document and verifies the correctness of the software.
A. Project manager
B. SQA team
C. Project team
D. All of the mentioned
5. Which of the following is not an External failure costs?
A. Testing
B. Helpline support
C. Warranty work
D. complaint resolution
6. Component testing is responsible of which of the person
A. software tester
B. designer
C. developer
D. User
7. The level of testing used to identify the defects
A. Acceptance testing
B. Integration testing
C. Unit testing
D. System testing
8. Test level is performed in which level.
A. It depends on nature of a project
B. Unit, System, Integration ,Acceptance
C. Unit, Integration, Acceptance, System
D. Unit, Integration, System, Acceptance
9. Choose which effort is required for locating and fixing an error in operational program
A. Efficiency
B. Usability
C. Maintainability
D. Testability
10. Is the 100% Quality of a Software is achievable?
A. Yes
B. No
C. Depend on tester
D. Environment factor involve



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Paper: Software Quality Assurance Course Code: IT-407 Part – II

Roll No.

Time: 2 Hrs. 45 Min. Marks: 50

ATTEMPT THIS (SUBJECTIVE) ON THE SEPARATE ANSWER SHEET PROVIDED

Short Questions (Marks 20)

Each question is of 5 marks:

1. Write 3 difference between White Box and Black Box testing?
2. Why do we use Regression Testing?
3. What you understand from the term PROCESS Quality?
4. Differentiate 'validation' and 'verification'?

Subjective Questions (Marks 30)

Question 1: (10 Marks)

Explain in details the difference between "Quality Assurance" and "Quality Control" by taking relevant examples?

Question 2: (10 Marks)

Define heretical and non-heretical model. it in details?

Question 3: (10 Marks)

What is meant by Testing? How many types of testing are there? Define Alpha and Beta Test.