CSE 307: CT 2

Name: Student ID:

Time: 10 minutes Mark: 3+2+2+3 = 10

1. The requirement specification of a web-based software application stated that maximum 100 users may access simultaneously. After deployment, the application failed to response properly when 90 users accessed at a time. It was recovered later and then on a certain occasion 150 users tried to access and again it crashed. Name the two software testing methods could prevent those two failures respectively.

Ans. a. b.

1. A group of students from CSE, BUET developed a software application to practice English vocabulary learning. They shared it among their classmates and they were quite happy about their user experience. Being inspired by the positive feedback, the students launched it for the school students as a free tool. However, they faced lots of complain from the users regarding friendliness of the system. Name the testing method that could prevent it.

Ans.

1. A group of CSE, BUET teachers developed a system for the Admission Test examination management of BUET. Right before the eligible candidate list publication date, there was sudden change in eligibility criteria and accordingly changes were made in the system. Due to lack of time, it is not possible to conduct full testing or even selective retesting to verify that modifications have not caused unintended. Name the appropriate test to apply in this situation.

Ans.

1. Write down an example of Integration testing in the context of BIIS in one or two sentence (s).

Ans.