

Software Engineering CS-303 Section A

Name:

Roll Number:

Time Allowed: 5 minutes

Quiz # 3

23rd October, 2018

Develop a decision table to represent the following

A certain heating and cooling company has devised a semi-automatic control system to conserve energy. The indoor temperature is to be maintained between 20 and 25 Celsius. The indoor temperature is in the acceptable range, no heating or cooling takes place, unless the pressure value reading is below normal, in which case, the pressure is increased and cooling takes place. If the indoor and outdoor temperatures are both above 25 C, cooling takes place and windows are closed. If both the temperatures are lower than 20 C, heating takes place only if the pressure valve reading is normal. Otherwise, no heating is to take place.