AUST

Ahsanullah University of Science & Technology
Department of Computer Science & Engineering
Subject: Database System (CSE 3103)

Time: 30 min   Quiz: 04   Marks: 20

Name: ID:

Marks Obtained

Instructions:

1. Fill up your Name, ID in the upper portion of the Examination Script.
2. Copying, Side talking & seeing is strictly prohibited.

1. When is it preferable to use a dense index rather than a sparse index? Explain your answer.   6

2. What are the basic steps of query processing?   8
   In a disk there are 70 blocks of code and to build the program it requires 140 seeks. Time to transfer a block of code and time for one individual seek are 3 ms and 2 ms. What is the cost of the query processing ? Here ignore the CPU cost.

3. What are the states of Transection? Explain.   6