

**Assignment No. 02**

**SEMESTER Fall 2020**   
**CS712 –Distributed DBMS**

**Due Date: 21/12/ 2020 Total Marks 50**

**Instructions to Solve Assignments**

The purpose of assignments is to provide you with hands on practice on database design. It is expected that students will solve the assignments themselves. Following rules will apply during the evaluation of assignment.

* Cheating from any source will result in zero marks in the assignment.
* Any student found cheating in any two of the assignments submitted will be awarded "F" grade in the course.
* In case of question No. 03 direct copy and paste from the research paper will be awarded zero marks.
* **No assignment after due date will be accepted.**

**Question #1:**

|  |  |
| --- | --- |
| **Department** | **Performance %age** |
| Electrical | 60% |
| IT | 40% |
| Admin | 50% |
| IT | 70% |
| HR | 30% |
| HR | 50% |
| Admin | 80% |
| IT | 35% |

|  |  |  |
| --- | --- | --- |
| **Employee\_ID** | **Employee\_Name** | **Department** |
| E1 | Waseem | Electrical |
| E2 | Nida | IT |
| E3 | Aslam | Admin |
| E4 | Khan | IT |
| E5 | Asif | HR |
| E6 | Tahir | HR |
| E7 | Arsalan | Admin |
| E8 | Salman | IT |

Consider the following tables of student’s information; we can segregate them according to their

percentage like students having

**Marks Status <= 40%**

**Marks Status > 40%**

You have to stem them in groups according to the given condition, by keeping in mind the

concept of Derived Horizontal Fragmentation (DHF). **[Marks 30]**

**Question No.2 [Marks: 20]**

Read the paper entitled as “A Survey of Data Clustering Methods” available in the zip

folder.

a) Give critical analysis of the above paper in your own words.

b) Suggest, do these clustering methods be converted into classification, proof your answer with proper/valid reason.