

SGG 4653 (Advance Database System)

Hands-on-Test (20%)

Answer ALL questions.

Question 1:

Please refer to the given Sekolah.mdb database file and answer the following questions below:

- (a) Please carry out a new database design using an appropriate normal form (NF). You should provide a complete conceptual diagram for this task. [10 marks]
- (b) Using the new proposed database conceptual design, export the data into SQL format using MySQL application. [6 marks]
- (c) List all schools in their respective city. How many schools in each city? [4 marks]

Please write a report that contains all completed tasks (a) & (c) and a SQL file for the new database design (without data).

GOOD LUCK.