

Course No: GTEC 4320E
Course Title: Advanced Database
Date:14/04/2019
No. of Questions: 3
Time: 1 hour
Using Calculator (No)

University of Palestine

2nd MidtermExam
2nd Semester2018/2019
Total Grade:15

Instructor Name: Dr. Mohammed Awad
Student No.: _____
Student Name: _____
College Name: IT
Dep. / Specialist:
Using Dictionary (No)

Question One:**(7 marks)**

Define each of these terms:

.mdf data files

.ndf data files

.ldf data files

DW

ETL

Business Process

BI

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Question Two:

(4 marks)

Assume that you have the table below named "AGENTS". Based on it, create a view named "agentview" with the columns agent_code, agent_name, working_area and double_commission originated from the base table AGENTS, with the following two conditions:

- 'working_area' must be 'Bangalore',
- double_commission field is a calculated field that equals commission*2

AGENT_CODE	AGENT_NAME	WORKING_AREA	COMMISSION	PHONE_NO	COUNTRY
A007	Ramasundar	Bangalore	0.15	077-25814763	
A003	Alex	London	0.13	075-12458969	
A008	Alford	New York	0.12	044-25874365	
A011	Ravi Kumar	Bangalore	0.15	077-45625874	
A010	Santakumar	Chennai	0.14	007-22388644	
A012	Lucida	San Jose	0.12	044-52981425	
A005	Anderson	Brisban	0.13	045-21447739	
A001	Subbarao	Bangalore	0.14	077-12346674	
A002	Mukesh	Mumbai	0.11	029-12358964	

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
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
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Question Three:

(4 marks)

Based on the two tables shown below, and using SQL JOIN keyword, write the SQL statements that enables you to list all orders with customer information.

ORDER
Id 
OrderDate
OrderNumber
CustomerId
TotalAmount

CUSTOMER
Id 
FirstName
LastName
City
Country
Phone

End of Questions