Written exam

1. EMPLOYEES TABLE

EmpNo	Name	LastName	Degree	HireDate	Certificate	Address

2. TIME TABLE (*the employees time table; employees work on different shifts per day*)

EmpNo	StartWork	EndWork
(*number*)	(*date*)	(*date*)

3. WAGES TABLE (*per degree and year/s of service*)

Degree	HighYear	LowYear	HourWages

First question:

1. Display employee number, name and surname for whom living in Hama area and he has been service for 10 years.
2. Display employees name and surname for those who has degree 2 and their certificate is (Eng) or those whose degree is 3 and they started working since 25/5/2003.
3. Display employees name and surname for those who never come to work.
4. Adjust the degree of the employee who has been in the service for more than 4 years by increasing his degree by 1.
5. Display both employment degree and employees' number of employees whose degree is more than 21.
6. Display name, surname, address, and certificate for those whose address contains '12%'.

Second question:

1. Display employee number, name, surname and daily work hours for each employee.
2. Display employee number, and monthly work hours for every employee.
3. Display employee number, and salary for each employee according to work hours assumption that hour wage is AED 150.
4. Display employee number, and salary for each employee with consideration for years of service, degree, and hour wage.

Third question:

Adjust work hours table so the result will be (day of employment is earlier than day of graduation) without allowing Friday records and the field EmpNo is sub key for the field EmpNo as SWork can't accept empty value.

Fourth question:

Make **VIEW** to display of employee number and his salary according to work hours, any work over 8 hours will be considered overtime and keep in mind—overtime hour price will be doubled the normal hour rate (normal hour rate AED 150)

Fifth question:

Do a **SEQUENCE**, start counting from 15 value and the next value is 30 until the value is 200 then start counting again from 8.

>> End of exam <<

Practical exam

1. SQL TABLE

Department

Code	Department
A1B2	IT
C3D4	Sales
E5F6	Accounting

Names

Code	Names
2001	Tony Stark
2002	Natalie Portman
2003	Angelina Jolie
2004	Leonardo Dicaprio

2. WEB PAGE

Code	Department
A1B2	IT
C3D4	Sales
E5F6	Accounting

Code	Names
2001	Tony Stark
2002	Natalie Portman
2003	Angelina Jolie
2004	Leonardo DiCaprio

CLICK

3. EDIT/SAVE

Code	Department	
A1B2	IT	EDIT
C3D4	Sales	EDIT
E5F6	Accounting	EDIT

CLICK

Code: _____

Department: _____

SAVE

Via JQUERY / AJAX