KING SAUD UNIVERSITY

Community college

Computer science department

المجموع



الأول

السؤال

الدرجة

الثاني

الثالث

كلية المجتمئ

قسم علوم الحاسب

نموذج الاجابة Answer model

A: Information	أ- معلومات	
Student Name		اسم الطالب
Student Number		الرقم الجامعي للطالب
Semester	Second Semester (Major Exam I)	الفصل الدراسي
Academic year	1439/1440	السنة الدراسية
Course Title	Fundamentals of Database Systems	اسم المقرر
Course Symbol, No	COMP 1211	رقم ورمز المقرر
Section number		رقم الشعبة
Instructor Name	Prof Ahmed Alzubi-Dr. Mohammed Amoon	اسم مدرس المقرر
Exam date	Wednesday 15/06/1440H	تاريخ الاختبار
Exam time	12:00PM	موعد الاختبار
Time allowed	One hour	الزمن المتاح للاختبار
Total Marks	15 Marks	درجة الاختبار الكلية

B -Guidelines	ب- إرشادات	
-The exam consists of 4 questions and the total mark	- الامتحان يتكون من أربعة أسئلة ومجموع العلامات	
is (15).	(۱۵).	
- Each question has its own mark beside it.	- العلامة مكتوبة إزاء كل سؤال.	
-The answer must be written clearly and write the question number relevant to the answer.	- يجب كتابة الإجابة بوضوح وتحديد رقم السوال المتعلق بالإجابة يمنع منعاً باتاً الالتفات/ أو الكلام / و الغش خلال	
- Student must not talk or cheat during the exam or	ـ يمنع منعاً باتاً الالتفات/ أو الكلام / و الغش خلال	
he will be subject to penalty.	الامتحان تحت طائلة العقاب	
C- student Comments about the Questions (If any)	ج ـ ملاحظات الطالب حول الأسئلة (إذا وجد)	
1.	٠٠.	
2.	*	
Marks	الدر حات	

الرابع

Learning Outcomes Mapping Fundamentals of Database Systems (COMP1211)

CT O	D • 4•	Questions			
CLO	Description		Q_2	Q_3	Q_4
1.1	Defining the concepts of Database and Database systems.	$\sqrt{}$	$\sqrt{}$	$\sqrt{}$	$\sqrt{}$
1.2	Illustrating the processes and activities of designing relational database systems.	V	√	V	

a) VDL

Answer the following Questions:					
[1] Multiple Choice:-			12X0.5 = 6 marks		
1) Multimedia Databa	ase is				
a) a Database type	b) a Database func	tionality c) a Database Exam	mple d) Non		
2) is respons	sible for authorizing	access to the database.			
a) database adminis	trators b) applica	tion programmers c) syster	n analyst d) auditors		
3) A is an ex	xecuting program or	process that includes one or n	nore database access.		
a) transaction	b) object	c) procedure	d) application		
4) Storing same data	in many places is cal	led			
a) iteration	b) redundancy	c) concurrency	d) enumeration		
5) is the ability to change the schema at one level of a database system without having to change the schema at next higher level.					
a) data exchange	b) data dependence	e c) data independence	d) data binding		
6) A state that satisfie	es the structure and c	onstraints of a scheme is calle	d state.		
a) invalid	b) true	c) real	d) valid		
7) DBMS combines everything into single system including- DBMS software, hardware, application programs and user interface processing software.					
a) Distributed	b) Centralized	c) Client	d) None		
8) To change the physical file structure the scheme needs to be changed					
a) conceptual	b) physical	c) logical	d) low-level		
9) architectures are common for web applications					
a) One tier	b) Two tiers	c) Three tires	d) Centralized		
10) language is used to do insertion, deletion, retrieval, and modification of data.					
a) VDL	b) SDL	c) DDL	d) DML		

c) DDL

c) Data loss

12) Security is a typical DBMS function aims to protect databases from ______

d) DML

d) Non

11) _____ language is used to specify the internal schema.

b) SDL

a) Data Visualization b) **Unauthorized access**

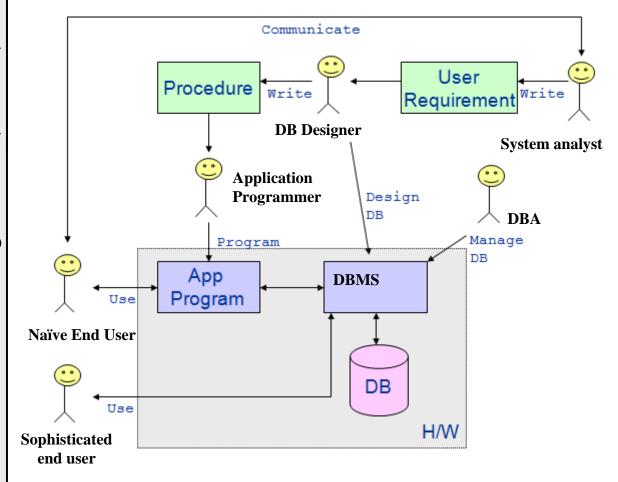
Question 2 (2 marks)	A.	Short Answer Questions	2X1 = 2 marks
	[3] TRUE or FALSE:	8X0.5 = 4 marks
	1)	Database schema changes very frequently.	(T/ F)
(\$	2)	The database state is also called an instance of database.	(T /F)
ark	3)	DBMS cannot protect hardware and software malfunction.	(T/ F)
(4 marks)	4)	Conceptual model is hardware independent and software independent.	(T /F)
13(5)	View is a subset of database.	(T /F)
tion	6)	Naïve users do canned transactions.	(T /F)
Question 3	7)	DBMS is a collection of related data.	(T/ F)
	8)	Application programmer determines the requirements of end-users and develops for those requirements.	specifications (T/ F)

3 marks

Question 4 (3 marks)

[4]In the figure shown below, fill in the blanks using the following words:

(DB designer – Application programmer – Naïve End User– casual users – DBMS – Sophisticated end user – DA – System analyst – DBA – DB system)



...End of questions...