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Remaining Time: 38 minutes, 13 seconds.

★ Question Completion Status:

1 🖺	2🖺	3🖺	4🖺	5🖺	6₾	7🖺	8🖺	9🖺	10🖺	11🖺	12🖺	13🖺	14🖺	15🖺	16🖺	17🖺	18
42🖺	43🖺	44🖺	45 <u></u>	46🖺	47 <u></u>	48🖺	49🖺	50₾	51🖺	52₾	53🖺	54🖺	55₾				

- تاريخ الاختبار: ١١ رمضان ١٤٤٢ الموافق لي: ٢٣ أبريل ٢٠٢١ -
- توقيت الاختبار: ١٣:٣٠ ١٥:٣٠ مع العلم أن فترة الاتاحة هي نفس فترة الاختبار بنفس التوقيت -
- الدرجة القصوى: ٤٠ درجة -
- موضوع الاختبار: الشابتر ٣-٤-٥ -
- نوعية الأسئلة: نظرية متكونة من صح وخطأ / خيارات -
- كل سؤال صح أو خطأ من نصف درجة وكل سؤال خيارات من درجة -
- من الأفضل أن تعتمدون اللغة الانجليزية على البلاك بورد لضمان العرض السليم للأسئلة -
- بالتوازي سأكون موجود في جلسة افتراضية في نفس التوقيت للمساعدة في حال حدوش مشكلة للطالبة -
- في حالة أن الطالب بدأ الاختبار بتأخير بعد الساعة ١٣:٣٠ له ساعتان بطبيعة الحال ولكن يتحمل مسؤوليته كاملة أن حدثت -له مشكلة تقنية بعد الساعة ٢٥:٣٠

تمناتي لكم بالتوفيق

دكتور وليد

Instructions	
Timed Test	This test has a time limit of 2 hours. This test will save and submit automatically when the time expires. Warnings appear when half the time , 5 minutes , 1 minute , and 30 seconds remain.
Multiple Attempts	Not allowed. This test can only be taken once.
Force Completion	This test can be saved and resumed at any point until time has expired. The timer will continue to run if you leave the test.
	Your answers are saved automatically.

estion Completion Status:		
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	2 13 14 14 15 15 15 15 15 15 15 15 15 15 15 15 15	=
○ data storage		
information delivery		
onone of the above		
QUESTION 2	1 points	Saved
	i points	Saveu
The control of runway queries is performed in:		
the data acquisition componentthe information delivery		
the data storage		
the management and control component.		
QUESTION 3	1 points	Saved
n independent data marts architectural type, we may have:		
n independent data marts architectural type, we may have: inconsistent data definitions		
inconsistent data definitions		
inconsistent data definitionsredundant data		
inconsistent data definitionsredundant dataredundant processing and standards		
redundant dataredundant processing and standards	1 points	Saved
 inconsistent data definitions redundant data redundant processing and standards all of the above is correct QUESTION 4 The following function: (Perform incremental loads at regular prescribed intervals) belongs to the:	1 points	Saved
 inconsistent data definitions redundant data redundant processing and standards all of the above is correct QUESTION 4 The following function: (Perform incremental loads at regular prescribed intervals) belongs to the: data extraction 	1 points	Saved
inconsistent data definitions redundant data redundant processing and standards all of the above is correct QUESTION 4 The following function: (Perform incremental loads at regular prescribed intervals) belongs to the: data extraction data transformation	1 points	Saved
 inconsistent data definitions redundant data redundant processing and standards all of the above is correct QUESTION 4 The following function: (Perform incremental loads at regular prescribed intervals) belongs to the: data extraction data transformation data staging 	1 points	Saved
inconsistent data definitions redundant data redundant processing and standards all of the above is correct QUESTION 4 The following function: (Perform incremental loads at regular prescribed intervals) belongs to the: data extraction data transformation data staging all data storage	1 points	Saved
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inconsistent data definitions redundant data redundant processing and standards all of the above is correct QUESTION 4 The following function: (Perform incremental loads at regular prescribed intervals) belongs to the: data extraction data transformation data staging addata storage	1 points	Saved
inconsistent data definitions redundant data redundant processing and standards all of the above is correct QUESTION 4 The following function: (Perform incremental loads at regular prescribed intervals) belongs to the: data extraction data transformation data staging data storage information delivery QUESTION 5 The following function: (Create intermediary files to store selected		
inconsistent data definitions redundant data redundant processing and standards all of the above is correct QUESTION 4 The following function: (Perform incremental loads at regular prescribed intervals) belongs to the: data extraction data transformation data staging data storage information delivery QUESTION 5 The following function: (Create intermediary files to store selected data to be merged later) belongs to the:		
inconsistent data definitions redundant data redundant processing and standards all of the above is correct QUESTION 4 The following function: (Perform incremental loads at regular prescribed intervals) belongs to the: data extraction data transformation data staging data storage information delivery		
inconsistent data definitions redundant data redundant processing and standards all of the above is correct QUESTION 4 the following function: (Perform incremental loads at regular rescribed intervals) belongs to the: data extraction data transformation data staging data storage information delivery QUESTION 5 the following function: (Create intermediary files to store selected ata to be merged later) belongs to the: data extraction		

estion Completion Status:		
	400 440 400 400 440	155 46
	100 110 120 130 140 510 520 530 540 550	
○ False		
QUESTION 7	0.5 points	Saved
n SMP, the availability is unlimited		
TrueFalse		
e ruise		
QUESTION 8	0.5 points	Saved
The operating system in data warehouse must provid		
The operating system in data warehouse must provid	de security,	
means that it must be able to protect the environmer	de security, nt from	
means that it must be able to protect the environmer application malfunctions.	de security, nt from	
me operating system in data warehouse mast provide means that it must be able to protect the environment application malfunctions. True False	de security, nt from	
means that it must be able to protect the environmer application malfunctions. True	de security, nt from	
neans that it must be able to protect the environmer application malfunctions. True	de security, nt from	
neans that it must be able to protect the environmer application malfunctions. True	de security, nt from 0.5 points	Saved
neans that it must be able to protect the environment application malfunctions. True False	0.5 points	Saved
neans that it must be able to protect the environment application malfunctions. True False QUESTION 9 The operational infrastructure consists of people who developing the data warehouse.	0.5 points	Saved
neans that it must be able to protect the environment application malfunctions. True False QUESTION 9 The operational infrastructure consists of people who developing the data warehouse. True	0.5 points	Saved
means that it must be able to protect the environmer application malfunctions. True False	0.5 points	Saved
neans that it must be able to protect the environment application malfunctions. True False QUESTION 9 The operational infrastructure consists of people who developing the data warehouse. True	0.5 points	Saved
neans that it must be able to protect the environment application malfunctions. True False QUESTION 9 The operational infrastructure consists of people who developing the data warehouse. True	0.5 points	Saved
neans that it must be able to protect the environment application malfunctions. True False Puestion 9 The operational infrastructure consists of people who developing the data warehouse. True False QUESTION 10 The operating system and hardware for data warehouse.	0.5 points o are needed for 0.5 points	
neans that it must be able to protect the environment application malfunctions. True False QUESTION 9 The operational infrastructure consists of people who developing the data warehouse. True False QUESTION 10 The operating system and hardware for data warehouse calable	0.5 points o are needed for 0.5 points	
neans that it must be able to protect the environment application malfunctions. True False Phe operational infrastructure consists of people who developing the data warehouse. True False False	0.5 points o are needed for 0.5 points	
neans that it must be able to protect the environment application malfunctions. True False QUESTION 9 The operational infrastructure consists of people who leveloping the data warehouse. True False QUESTION 10 The operating system and hardware for data warehouse allowed by the control of the contr	0.5 points o are needed for 0.5 points	
neans that it must be able to protect the environment pplication malfunctions. True False QUESTION 9 he operational infrastructure consists of people who eveloping the data warehouse. True False QUESTION 10 he operating system and hardware for data warehouselable True True	0.5 points o are needed for 0.5 points	

estion Completion Status:		
	2	=
◯ True		
False		
QUESTION 13	0.5 points	Saved
The SMP is the worst parallel processing architecture due to its		
mited availability		
True		
False		
]	
QUESTION 14	0.5 points	Saved
is not necessary to have a scalable operating system.		
○ True		
♠ Falso		
False		
● False		
False QUESTION 15	0.5 points	Saved
QUESTION 15 is possible for a task with a higher priority to preempt another	0.5 points	Saved
QUESTION 15 is possible for a task with a higher priority to preempt another ask (with a lower priority).	0.5 points	Saved
QUESTION 15 It is possible for a task with a higher priority to preempt another ask (with a lower priority). True	0.5 points	Saved
QUESTION 15 It is possible for a task with a higher priority to preempt another ask (with a lower priority). True	0.5 points	Saved
QUESTION 15 is possible for a task with a higher priority to preempt another ask (with a lower priority). True	0.5 points	Saved
QUESTION 15 is possible for a task with a higher priority to preempt another ask (with a lower priority). True	0.5 points	Saved
QUESTION 15 Lis possible for a task with a higher priority to preempt another ask (with a lower priority). True False QUESTION 16 Memory protection as a criterion of operating system selection		
t is possible for a task with a higher priority to preempt another ask (with a lower priority). True False QUESTION 16 Memory protection as a criterion of operating system selection neans that: The operating system requires a login and password with each	1 points	
QUESTION 15 It is possible for a task with a higher priority to preempt another eask (with a lower priority). True False QUESTION 16 Memory protection as a criterion of operating system selection means that: The operating system requires a login and password with each access	1 points	
QUESTION 15 It is possible for a task with a higher priority to preempt another ask (with a lower priority). True False QUESTION 16 Memory protection as a criterion of operating system selection neans that: The operating system requires a login and password with each	1 points	

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42 <u>D</u>	43🖺	44	45🖺	46🖺	47	48🖺	49🖺	50🖺	51	52	53🖺		55🖺	-	
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	QUEST	TION '	19									1 poin	ts	Saved	
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Pec	seven simu none	ral ser ltaned of the rion a	ver propusly e above 20 cedure ta war	e is co	rrect neede e		пиріе г	eques				1 point	ts	Saved	1
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Pec	Sever simu none QUEST ople are deve design keep QUEST	ral ser ltaned e of the rion 2 nd pro lop da gn the the da	ver propusly e above 20 cedure ta war data wa ata wa	e is co es are ehous vareho rehous	neede e use se goir	d to:	wareh			ould ta					
Pee	Sever simu none QUEST ople ar deve design keep	ral ser ltaned e of the nd pro lop da gn the the da	ver propusly e above 20 cedure ta war data wa ata wa	e is co es are ehous vareho rehous	neede e use se goir	d to:				ould ta					
Pee	QUEST ople ar deve design keep QUEST operat o accor only only	ral ser ltaned e of the rion 2 nd pro lop da gn the the da ring sys unt: securi memo	ver propusly e above 20 cedure ta war data wa ata wa 21 stem s	es are ehous vareho rehous	neede e use se goir	d to:				ould ta					
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uestion Completion Status:	
2 3 4 5 6 7 8 9 10 11 2 43 44 45 46 47 48 49 50 51 52 52	12
QUESTION 23	1 points Saved
In hardware selection for a data warehouse, we should take into account:	i points Saved
cost	
o vendor reputation and support	
scalability and securitysupport and security	
Support and security	
QUESTION 24	1 points Saved
In MPP, the processors	
 share the memory in the same node 	
share-nothingshare the disk	
QUESTION 25	1 points Saved
In clusters server hardware, the processors:	
share the memories of all existing nodes	
share the diskAll of them is correct	
All of them is correct	
QUESTION 26	0.5 points Saved
Resolve and create primary and foreign keys for load tables belo to the data staging True	ngs
○ False	
	0.5 points Saved
QUESTION 27	

	Completi	ion St	atus:											
1 2	3🖺	4🖺	5🖺	6 <u>h</u>	7🖺	8🖺	9🖺	10🖺	11	12🖺	13🖺	14🖺	15🖺	16
42 43			46🖺	47	48🖺	49🖺	50🖺	51	52🖺			55🖺		
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U Tais	C													
QUES	TION 30	0								0.	5 poin	ts	Saved	1
The che	ck for ref	ferent	ial inte	egrity	belon	gs to t	he dat	a trans	sforma	ition				
● True	9													
○ Fals	e													
QUES	TION 2	1									5 poin	tc [
~	OTTON 3	•								0.	5 poiii	13	Saved	1
Provide	backup a	and re	cover	y for s	staging	g area	reposi	tories	belong		5 poiii		Saved	
Provide	backup a storage	and re	ecover	y for s	staging	g area	reposi	tories	belong		o poiii		Saved	
Provide the data	backup a storage	and re	ecover	y for s	staging	g area	reposi	tories	belong		5 poiii		Saved	
Provide the data True	backup a storage	and re	ecover	y for s	staging	g area	reposi	tories	belong		5 poiii	LS _	Saved	
Provide the data True	backup a storage	and re	ecover	y for s	staging	g area	reposi	tories	belong		5 point		Saved	1
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Provide the data True Fals QUES	backup a storage e e STION 32	and re	e proc	ess of	loadii	ng the				g to 0.				
Provide the data True Fals QUES	backup a storage e e sTION 32 a storage o the dat	and re	e proc	ess of	loadii	ng the				g to 0.				
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Provide the data True Fals QUES The data data into True Fals QUES	backup a storage e e storage o the dat e	2 e is the a war	e proc ehous	ess of se repo	loadii	ng the	data f	rom th	ne sour	o.	5 poin	ts	Savec	

estion Completion Status:		
2 3 4 5 6 7 8 9 10 11 12 2 43 44 45 46 47 48 49 50 51 52 53		=
QUESTION 35	0.5 points	Saved
Store result sets of queries and reports for future use, belongs to the information delivery True	2	
○ False		
QUESTION 36	1 points	Saved
The entity-relationship modeling		
removes data redundancy		
captures critical measures		
is a data warehouse design modelingall of the above is correct		
QUESTION 37	1 points	Saved
The star schema is a data-modeling technique used to map		Saved
The star schema is a data-modeling technique used to map relational database into multidimensional decision support data		Saved
The star schema is a data-modeling technique used to map relational database into multidimensional decision support data cube to data mart		Saved
The star schema is a data-modeling technique used to map relational database into multidimensional decision support data		Saved
The star schema is a data-modeling technique used to map relational database into multidimensional decision support data cube to data mart multidimensional decision support data into relational database multidimensional decision support data into entity relationship		Saved
The star schema is a data-modeling technique used to map relational database into multidimensional decision support data cube to data mart multidimensional decision support data into relational database multidimensional decision support data into entity relationship diagram QUESTION 38		
The star schema is a data-modeling technique used to map relational database into multidimensional decision support data cube to data mart multidimensional decision support data into relational database multidimensional decision support data into entity relationship diagram QUESTION 38		
The star schema is a data-modeling technique used to map relational database into multidimensional decision support data cube to data mart multidimensional decision support data into relational database multidimensional decision support data into entity relationship diagram QUESTION 38 Mathematically, the limit of the number of used dimensions is:		
The star schema is a data-modeling technique used to map relational database into multidimensional decision support data cube to data mart multidimensional decision support data into relational database multidimensional decision support data into entity relationship diagram QUESTION 38 Mathematically, the limit of the number of used dimensions is: 5 10 100		
The star schema is a data-modeling technique used to map relational database into multidimensional decision support data cube to data mart multidimensional decision support data into relational database multidimensional decision support data into entity relationship diagram QUESTION 38 Mathematically, the limit of the number of used dimensions is:		

estion Completion Status:		
3 2 3 4 5 6 7 8 9 10 11	120 130 140	15 16
43 44 45 46 47 48 49 50 51 52		=
equal to.		
One to Many		
One to oneMany to many		
None of the above is correct		
OUESTION 44		
QUESTION 41	1 points	Saved
A result of a given query in the star schema is produced by com	bining	
exactly one dimension table with the fact table		
one or more dimension tables with the fact table		
exactly one dimension table with many fact tables		
one or more dimension tables with many fact tables		
QUESTION 42	1 points	Saved
The drill down analysis is performed to get details		
at the lower levels		
o at the higher levels		
o at the lower or the higher levels		
at the current level		
at the current level		
O at the current level QUESTION 43	1 points	Saved
	1 points	Saved
QUESTION 43 Dimensions provide additional perspectives to: their corresponding primary key	1 points	Saved
QUESTION 43 Dimensions provide additional perspectives to: their corresponding primary key a given fact	1 points	Saved
QUESTION 43 Dimensions provide additional perspectives to:	1 points	Saved
QUESTION 43 Dimensions provide additional perspectives to: their corresponding primary key a given fact	1 points	Saved
QUESTION 43 Dimensions provide additional perspectives to: their corresponding primary key a given fact to the foreign keys existing in the same dimension table all of the above is correct		
QUESTION 43 Dimensions provide additional perspectives to: their corresponding primary key a given fact to the foreign keys existing in the same dimension table all of the above is correct	1 points	Saved
QUESTION 43 Dimensions provide additional perspectives to:		
QUESTION 43 Dimensions provide additional perspectives to:		
QUESTION 43 Dimensions provide additional perspectives to:		

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42🖺	43🖺	44🖺	45🖺	46🖺	47 <u></u>	48🖺	49🖺	50₾	51	52🖺	53🖺	54🖺	55🖺		
A c sch	QUEST dimens nema) True) False			y be e	mpty,	witho	ut any	attribu	ıtes in	ı a star		5 poin	ts	Saved	1
Th	QUEST e star s			tter th	an the	snow	rflake s	schema	a		0.	5 poin	ts	Saved	ı
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43 44 45	46 47	48🖺 4	19 <u>n</u> 50 <u>n</u>	51🖺	52🖺	53🖺	54🖺	55🖺		
QUESTION 52						0	5 poin	ts	Saved	
The star schema is no snowflake schema True	ot the result o	of norma	alizing dim	ensior	n tables					
○ False										
QUESTION 53							5 poin	te [Saved	
The relational databa modeling technique O True	se modeling	is better	than the	star sc	hema (
False										
OUESTION 54						0,1	5 noin	ts	Saved	
QUESTION 54 The foreign key in a d True	imension tak	ole is a p	rimary key	/ in the	e fact ta		5 poin	ts	Saved	I
The foreign key in a d	imension tak	ole is a p	rimary key	in the	e fact ta		5 poin	ts	Saved	1
The foreign key in a d True False	imension tak	ole is a p	rimary key	in the	e fact ta	able				
The foreign key in a d True False QUESTION 55 Facts commonly used fact table						able	5 poin		Saved	
The foreign key in a d True False QUESTION 55 Facts commonly used						able				
The foreign key in a d True False QUESTION 55 Facts commonly used fact table True						able				