

SQL Portfolio Test 2018 - Memo

Num	SQL - Answer	Mark
1.	SELECT * ✓ FROM tblDonor ✓ ORDER BY ✓ Amount DESC; ✓	[4]
2.	SELECT Animal, Price ✓ FROM tblAnimal WHERE ✓ Price Between ✓ 500 AND 2300 ✓; OR SELECT Animal, Price ✓ FROM tblAnimal WHERE ✓ Price >= 500 ✓ OR Price <= 2300 ✓;	[4]
3.	DELETE FROM tblCount ✓ WHERE CountDate ✓ = #1/17/2018#; ✓ Use of #	[3]
4.	UPDATE tblAnimal ✓ SET ✓ Protected = true ✓ Accept <u>yes</u> or <u>1</u> WHERE ConservationCategory = 'vulnerable' ✓;	[4]
5.	SELECT AnID, ROUND(AVG ✓ (Quantity), 2) ✓ AS [Average Quantity] ✓ FROM tblCount WHERE YEAR ✓ (CountDate) ✓ = 2017 GROUP BY AnID ✓;	(7)
6.	SELECT tblAnimal.AnID, Animal, ConservationCategory, Quantity ✓ FROM tblAnimal, tblCount ✓ WHERE tblAnimal.AnID = tblCount.AnID ✓ AND ✓ ConservationCategory IN ✓ ('Extinct', 'Critically Endangered', 'Endangered') ✓; If multiple OR is used, 1 mark out of 2	(6)
7.	INSERT INTO ✓ tblDonor (DonorID, DonName, Amount, AnID) ✓ SELECT ✓ 'RK02', DonName, Amount, AnID ✓ ONLY <u>DonorID</u> is hardcoded FROM tblDonor ✓ WHERE DonorID = 'LA12' ✓;	(6)
8.	SELECT Animal, ScientificName, LEFT(Animal, 2) ✓ & '_' & ✓ RIGHT(ScientificName, 3) ✓ AS [Animal Code] ✓ FROM tblAnimal WHERE Animal LIKE ✓ '*bok' ✓;	(6)
		[40]

Specific mark allocation for concept being assessed

Num	SQL - Answer	Concept assessed	Mark
1.	SELECT * ✓	Selecting all fields ✓	[4]
	FROM tblDonor ✓	FROM correct table ✓	
	ORDER BY ✓	ORDER BY ✓	
	Amount DESC; ✓	DESC ✓	
2.	SELECT Animal, Price ✓ FROM tblAnimal	Selecting specific fields ✓	[4]
	WHERE ✓	WHERE ✓	
	Price Between ✓ 500 AND 2300 ✓; <u>or</u> Price >=500 ✓ OR Price <= 2300 ✓;	BETWEEN / OR ✓ Correct range ✓	
3.	DELETE FROM tblCount ✓	DELETE FROM ✓	[3]
	WHERE CountDate ✓ =	Correct field in WHERE ✓	
	#1/17/2018#; ✓	Use of # for date ✓	
4.	UPDATE tblAnimal ✓	UPDATE ✓	[4]
	SET ✓	SET ✓	
	Protected = true ✓ Accept <u>yes</u> or <u>1</u>	Boolean field ✓	
	WHERE ConservationCategory = 'vulnerable' ✓;	Specific field update ✓	
5.	SELECT AnID, ROUND(AVG(Quantity),2) ✓	Function for Average ✓ Rounding to 2 decimal places ✓	(7)
	AS ✓	Using AS ✓	
	[Average Quantity] ✓ FROM tblCount	Creating a column heading & Square brackets for space ✓	
	WHERE YEAR(CountDate) ✓ = 2017	Function for extracting the year ✓ Correct field ✓	
	GROUP BY AnID ✓;	GROUP BY ✓	
6.	SELECT tblAnimal.AnID ✓, Animal, ConservationCategory, Quantity	Specify table for AnID ✓	(6)
	FROM tblAnimal, tblCount ✓	Two tables ✓	
	WHERE tblAnimal.AnID = tblCount.AnID ✓	Linking tables ✓	
	AND ✓	Using AND ✓	
	ConservationCategory IN ✓	Using IN ✓	
	('Extinct', 'Critically Endangered', 'Endangered') ✓;	Specifying values ✓	
7.	INSERT INTO ✓ tblDonor	INSERT INTO ✓	(6)
	(DonorID, DonName, Amount, AnID) ✓	Specific fields ✓	
	SELECT ✓	Nested SELECT ✓	
	'RK02', DonName, Amount, AnID ✓ ONLY <u>DonorID</u> is hardcoded	Specific hardcoded value & values from the table ✓	
	FROM tblDonor ✓	Table to select from in nest ✓	
	WHERE DonorID = 'LA12' ✓;	Selecting from a row linked to Primary key	
8.	SELECT Animal, ScientificName, LEFT(Animal,2) ✓	LEFT function ✓✓	(6)
	& ' _ ' ✓ & ✓	& for joining ✓ Underscore (_) included ✓	
	RIGHT(ScientificName,3) ✓ AS [Animal Code] FROM tblAnimal	RIGHT function ✓	
	WHERE Animal LIKE ✓	LIKE ✓	
	'*bok' ✓;	Wild card before bok ✓	
			[40]