



INDIAN SCHOOL MUSCAT
SECOND PERIODIC ASSESSMENT
INFORMATION TECHNOLOGY (802)



CLASS: XII

MAX.MARKS: 20

DATE: 05-05-2021

TIME ALLOWED: 40 MINUTES

INSTRUCTIONS: Answer all questions
Write neatly.

MARKING SCHEME

1.	GROUP BY	1
2.	B. COUNT(*)	1
3.	D. BETWEEN	1
4.	What do mean by an attribute? A column in a table is known as an attribute.	1
5.	Cardinality = 4 Degree = 4 <div style="text-align: right;">($\frac{1}{2} + \frac{1}{2} = 1$)</div>	1
6.	Reduction in Redundancy Improved Consistency Improved Availability Improved Security Data Sharing <div style="text-align: right;">(Any Two $\frac{1}{2} + \frac{1}{2} = 1$)</div>	1
7	i) SELECT MIN(Marks) FROM Student ; ii) SELECT COUNT(Name) FROM Student WHERE Name LIKE "A%"; <div style="text-align: right;">(1+ 1 = 2)</div>	2
8.	i) SELECT IName, Price FROM ITEM WHERE Quantity > 40 ; ii) SELECT IName, Price FROM ITEM ORDER BY Price DESC ; <div style="text-align: right;">(1+ 1 = 2)</div>	2
9.	Consider the ITEM table in question no:8 and write the output for the following queries: i) Icode Quantity ----- 101 30 104 20 105 30	2

	ii) SUM(PRICE) ----- 740 <div>(1 +1 = 2)</div>	
10.	<p>Explain Drop table with Cascade command with an example.</p> <p>Drop Table will be dropped and with the CASCADE option, i.e. all the constraints that refer this table would also be automatically dropped.</p> <p>Example Drop table teacher Cascade;</p> <div>(1 + Eg: 1 = 2)</div>	2
11.	<p>What is the difference between Primary Key and Candidate Key?</p> <p>Primary Key: One of the candidate keys may be designated as Primary key. Primary key is used to identify tuples in a relation.</p> <p>Candidate Key is a set of attributes that uniquely identify tuples in a table.</p> <p>The Primary key should be selected from the candidate keys.</p> <div>(1 + 1 = 2)</div>	2
12.	<p>i) SELECT COMAND – SELECT * FROM EMPLOYEE; Here SELECT is a Data Manipulation Command (DML) which is used to display all the contents of the EMPLOYEE Table.</p> <p>ii) UPDATE – UPDATE EMPLOYEE SET SALARY = 2000 + SALARY WHERE EMPNO = "E100"; Here UPDATE is also a DML Command which is used to update the salary of an employee with Empno = E100.</p> <div>(1 + 1 = 2)</div>	2
13.	<p>i) Select <u>distinct</u> department from employee</p> <p>ii) Select name, salary from employee where phone <u>IS Null</u>;</p> <div>(1 + 1 = 2)</div>	2