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SET A



**INDIAN SCHOOL MUSCAT
SECOND TERM EXAMINATION
INFORMATION TECHNOLOGY(802)**

CLASS: XI

TERM 2

Max.Marks: 30

MARKING SCHEME		
QN.NO	VALUE POINTS SECTION- A (Any 5 Questions) (5 Marks)	MARKS SPLIT UP
1.	An entrepreneur is a person who tries to meet needs of a customer through new ideas or ways of doing business and makes profit in return.	1
2.	Any two: Manufacturing Business, Trading Business, Services Business	$\frac{1}{2} + \frac{1}{2} = 1$
3.	Any two ways: Creativity, Innovation ,Critical Thinking	$\frac{1}{2} + \frac{1}{2} = 1$
4.	Sustainable means what is good for the economy as well as the future of the environment. For example, natural farming without using chemical fertilisers which permanently harm the soil.	1
5.	Any one point <ul style="list-style-type: none"> The government makes policies and provides funds for implementing plans and policies. It makes legislations (laws), such as 'The Environment (Protection) Act, 1986' to protect the environment and take actions against law-breakers. 	1
6.	All the living organisms in a particular area and, the non-living environment with which the organisms interact, such as air, mineral, soil, water and sunlight, together form an ecosystem.	1
	SECTION –B (16 Marks)	
7.	Collection of logically related data along with its description is termed as database. In relational model the data's are stored as tables. OR Degree: Number of attributes in a relation or number of columns in a table is called degree of a relation or table. Cardinality: Number of tuples in a relation or number of rows in a table is called cardinality of a relation or table.	1 $\frac{1}{2} + \frac{1}{2} = 1$
8.	Child controls: controls placed inside a container control are called child controls. For example-Text Field, Label, Button etc.(Any two controls)	

	<p>system.</p> <ul style="list-style-type: none"> • Portable: Being architectural-neutral and having no implementation dependent aspects of the specification makes Java portable. 	
14.	<p>Source Code: The core program or text which is written in a language like C, C++ or Java is called source code.</p> <p>Object Code: The program which only is understood by the computer in the form of machine instructions or binary instructions called object code. In Java JVM is used to generate object code in the form of byte code.</p>	1 + 1 = 2
15.	<p>The keywords are the reserved words defined in the language compiler. These reserved words are used for special purpose and cannot be used for any other purpose such as an identifier name. Eg: int, float, double. switch, if etc(Any two valid keywords)</p>	1 + 1 = 2
	SECTION-C (9 Marks)	
16.	<p>CODE FOR CALCULATE SUM BUTTON</p> <pre>int n1,n2,r ; n1 = Integer.parseInt(jTextField1.getText()); n1 = Integer.parseInt(jTextField2.getText()); r = n1 + n2 ; jTextField3.setText(""+r);</pre>	3
17.	<p>CODE FOR CHECK BUTTON</p> <pre>int num =Integer.parseInt(jTextField1.getText()); if(num%2==0) jLabel4.setText("EVEN NUMBER"); else jLabel4.setText("ODD NUMBER");</pre> <p style="text-align: center;">OR</p> <p>CODE FOR CALCULATE SI Button</p> <pre>double P,R,T,SI ; P = Double.parseDouble(jTextField1.getText()) ; R = Double.parseDouble(jTextField2.getText()) ; T = Double.parseDouble(jTextField3.getText()) ; SI = P * R* T/ 100 ; jTextField4.setText(""+SI);</pre>	3
18.	<pre>CREATE TABLE PRODUCT(PID integer NOT NULL Primary key, PNAME varchar(20) NOT NULL, QTY integer, PRICE decimal(10,2), COMPANY varchar(20)) ;</pre>	3