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## INDIAN SCHOOL MUSCAT FIRST TERM EXAMINATION

## SUBJECT: MULTIMEDIA AND WEB TECHNOLOGY

Sub.Code: 067 CLASS: XII Allotted: 3 Time Hrs. Max.Marks: 70 30.04.2018 **Instructions:** 1. All the questions are compulsory 2. Read the Question carefully and write the Answer Q1 2 a) Write the names of any two RDBMS.MYSQL,MS-Access 2 b) primary key-used to identify the records uniquely no null values allowed it can be implemented only once in the table – 1 mark Unique key- used to identify the records uniquely null values allowed it can be implemented more than once in a table- 1 mark. c) Degree – number of columns from the table – 1mark is different from Cardinality – 2 no of rows from the table -1 mark? Explain. d) Identify the Primary key and type of the following fields in the table 2 MASTERDETAILS.Primary key- grnumberGRnumber- int, Name- char / varchar ,Class\_sec,- char/varchar Marks- decimal 1+1 =2 mark e) Explanation one-to-many relationship 1 mark 1 f) How ALTER command is different from UPDATE command? Explain. 2 Alter: it is used to change the structure of the table 1 mark Update: it is used to change the table values 1 mark g) 1) degree-6 and cardinality-3 2 2) data type of CUST\_PHONE -integerand CUST\_EMAIL-char/varchar h) How CHAR – fixed length string, if the data is less than the size specified blanks are 2 remain as blanks. VARCHAR- variable length string, if the data is less than the size specifies blanks are automatically removed. Q2. a) container tags – on and off tags should be there are different from Empty – only on 3 tag Ex:  $\langle body \rangle \langle img \rangle \langle li \rangle \langle html \rangle$  1+1+1 =3 b) Explain the following tags with an example. 4 1)<IMG>used to insert an image 2)<TD>-Table data 3)<TR>- Table Row 4)<B> - Bold face c) What is wrong in the following HTML code? Rewrite the correct code after 3 identifying the errors.

## **Answer Key**

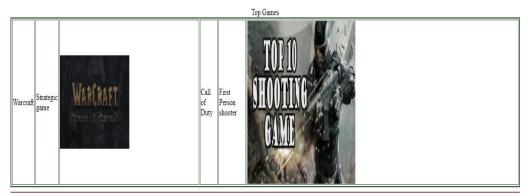
- <html><head><title> 1+1+1=3 marks (each error identification 1 mark)
- Test Message</title></head>
- <body background="BLUE">
- <font face="Times new roman"> TEST</font></body></html>
- d) What do you understand by Ordered List and Unordered List? Explain with an example. Explanation of <OL> and <UL> 1+1=2 marks Example = 1 mark
- e) Explanation of <BR>&<HR>- 1 Mark example.- mark
- f) Write a HTML code to develop the following web page as per the given instructions.

Computer Gaming

A personal computer game(also known as a computer game or PC game) is a game played on a personal computer, rather than on a video game console or arcade machine. Computer games have evolved from the simple graphics and gameplay of early titles like Spacewarl, to a wide range of more visually advanced titles.

Basically there are four types of computer games:

- 1. Strategy
- 2. First person shooters
- 3. 3rd person views
- 4. Racing



FOR FURTHER ENQUIRES : GAMES

## Consider the following while writing the HTML code

Every Correct implementation 1 Mark

g) What is the use of <CAPTION> tag in HTML? Explain with an Example.

The <caption> tag defines a table caption. 1 mark

The <caption> tag must be inserted immediately after the tag.

You can specify only one caption per table.

By default, a table caption will be center-aligned above a table. However, the CSS properties <u>text-align</u> and <u>caption-side</u> can be used to align and place the caption.

3

10

2

Q3.

Example – 1 mark

ŕ	How Colspan is different from Rowspan? Explain with an example.  Colspan is used to merge two or more columns, rowspan is used to merge two or more columns – 1 mark proper example – 1mark	2		
i)	How <basefont/> is different from <font>?Explain.</font>	2		
	The <font> tag is used for modifying the type of a text, the size and the color. Use "size",</font>			
	"color" and "face" attributes to personalize your text and the <basefont/> tag to set the			
	color, size and the style of a whole text.			
	1 mark example – 1 mark			
j)	Write a HTML code to create the following List.	3		
	1. Item 1			
	a. Item 1.1			
	b. Item 1.2			
	i. Item 1.2.1			
	ii. Item 1.2.2			
	iii. Item 1.2.3			
	2. Item 2			
	3. Item 3			
	a. Item 3.1			
	b. Item 3.2			
Using	correct list and proper indentation 1+1+1=3 marks			
k)	The cellspacing attribute specifies the space, in pixels, between cells.	2		
	The cellpadding attribute specifies the space, in pixels, between the			
	cell wall and the cell content. $1+1 = 2$ marks			
I)	Write a HTML code to generate the following form.	4		
'/	write a trivial code to generate the following form.			
	Using form tag with proper syntax and using select and option tag 1+1+1+1=4			
a)	What is the use of Reapeter and Switch ?Explain.	2		
	Repeater is used to amplify the signal  Switch is used to filter the data 1+1=2 marks			
b)		2		
c)	Extremely High Bandwidth:Longer Distance ,Low Security Risk, Small Size ANY TWO ADVANTAGES 1+1	2		
	SITION SIZE ANT TWO ADVANTAGES ITI			

d) An Organization has its offices in building A, B, C and D. Answer questions (a) to (d) in context of the following layout of the three offices:

Centre to Centre distances between different buildings are as follows:

contro to contro distances setween different culturings are as follow				
Block A to Block B	100 m			
Block A to Block C	70 m			
Block A to Block D	20 m			
Block B to Block C	150 m			
Block B to Block D	120 m			
Block C to Block D	140 m			

Each of the above buildings has following number of computers

A	65
В	30
С	25
D	40

- (i) Suggest and draw the layout for a network, with proper justification to connect all the office PROPER DIAGRAM EITHER BUS TOPOLOGY OR STAR
- (ii) Where would the following preferably be placed
  - Hub/Switch ALL THE BUILDINGS
  - Repeater DISTANCE BETWEEN TWO BUILDINGS MORE THAN 90 MTS.
- (iii) Suggest the most suitable place to house the server for the organization with proper justification. Block A
- (iv) Optical Fiber
- e) Open Source

\*\*\*\*\*\*End of the Question Paper\*\*\*\*\*