Answer Key

Roll Number		

Code Number   **067/2**

INDIAN SCHOOL MUSCAT

FIRST TERM EXAMINATION

SUBJECT : MULTIMEDIA AND WEB TECHNOLOGY

CLASS: XII   Sub.Code: 067   Time   Allotted: 3 Hrs.

30.04.2018   Max.Marks: 70

Instructions:
1. **All the questions are compulsory**
2. **Read the Question carefully and write the Answer**

Q1.	a)	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.	2
	b)	Degree – number of columns from the table – 1mark is different from Cardinality – no of rows from the table – 1 mark? Explain.	2
	c)	Write the names of any two RDBMS.MYSQL,MS-Access	2
	d)	Identify the Primary key and type of the following fields in the table MASTERDETAILS.Primary key- grnumberGRnumber- int, Name- char / varchar ,Class_sec,- char/varchar Marks- decimal 1+1 =2 mark	2
	e)	Explanation one-to-many relationship 1 mark	1
	f)	How ALTER command is different from UPDATE command? Explain. Alter: it is used to change the structure of the table 1 mark Update: it is used to change the table values 1 mark	2
	g)	1) degree-6 and cardinality-3 2) data type of CUST_PHONE -integerand CUST_EMAIL-char/varchar	2
	h)	How CHAR – fixed length string, if the data is less than the size specified blanks are remain as blanks. VARCHAR- variable length string , if the data is less than the size specifies blanks are automatically removed.	2
Q2.	a)	container tags – on and off tags should be there are different from Empty – only on tag Ex: <body><img> <html> 1+1+1 =3	3
	b)	Explain the following tags with an example. 1)<IMG>used to insert an image 2)<TD>-Table data 3)<TR>- Table Row 4)<B> - Bold face	4

c) 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   3

d) What is wrong in the following HTML code? Rewrite the correct code after identifying the errors.   3
<html><head><title>   1+1+1=3 marks   (each error identification 1 mark)
Test Message</title></head>
<body background="BLUE">
 TEST</body></html>

e) Explanation of
&<HR>- 1 Mark example.- mark   2

f) Write a HTML code to develop the following web page as per the given instructions.   10

Consider the following while writing the HTML code

1. Background of page is yellow

2. Title of the page is "gaming"

3. Text of whole document is verdana

4. Heading of the page is maroon and arial bold

5. Image used is "image1.jpg"

6. border of table is green and of size 2 7. background colour of table is white

8. Image used in the table is "war.jpg" and "call.jpg"

9. Horizontal line colour is red

10. Bottom link is "game.html"

Every Correct implementation 1 Mark

g) How Colspan is different from Rowspan ? Explain with an example.   2
Colspan is used to merge two or more columns, rowspan is used to merge two or more columns – 1 mark   proper example – 1mark

h) How <BASEFONT> is different from <FONT>?Explain.   2

The <font> tag is used for modifying the type of a text, the size and the color. Use "*size*",

"*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

i) What is the use of <CAPTION> tag in HTML? Explain with an Example.   2

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

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

Note: You can specify only one caption per table.

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

Example – 1 mark

3
j) Write a HTML code to create the following List.

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

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l)   Write a HTML code to generate the following form.   4

      Using form tag with proper syntax and using select and option tag 1+1+1+1=4

Q3.   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)   Explnation of LAN , MAN and PAN   2

         c)   Extremely High Bandwidth: Longer Distance   , Low Security Risk,   2
               Small Size   ANY TWO ADVANTAGES 1+1
         d)   An Organization has its offices in building A, B, C and D. Answer questions (a) to   4*2=8
              (d) in context of the following layout of the three offices:

      Each of the above buildings has following number of computers

A	65
B	30
C	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   1

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