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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) 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. 2
 - c) Degree – number of columns from the table – 1mark is different from Cardinality – no of rows from the table – 1 mark? Explain. 2
 - d) Identify the Primary key and type of the following fields in the table MASTERDETAILS. Primary key- grnumber GRnumber- 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. 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 -integer and CUST_EMAIL-char/varchar
- 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><html> 1+1+1 =3 3
 - b) Explain the following tags with an example. 4
1)-used to insert an image 2)<TD>-Table data 3)<TR>- Table Row
4) - Bold face
 - c) What is wrong in the following HTML code? Rewrite the correct code after identifying the errors. 3

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 and 1+1=2 marks Example = 1 mark 3
- 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

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 Spacewar!, 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

Top Games

Warcraft	Strategic game	Call of Duty	First Person shooter
			

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. 2

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

The <caption> tag must be inserted immediately after the <table> 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 [text-align](#) and [caption-side](#) can be used to align and place the caption.

Answer Key

Example – 1 mark

- h) 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 rows – 1 mark proper example – 1 mark

- i) How <BASEFONT> is different from ?Explain. 2

The 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

- 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 cellpadding attribute specifies the space, in pixels, between cells. 2

The cellspacing attribute specifies the space, in pixels, between the cell wall and the cell content. 1+1 = 2 marks

- 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 Repeater and Switch ?Explain. 2

Repeater is used to amplify the signal

Switch is used to filter the data 1+1=2 marks

- b) Explanation of LAN , MAN and PAN 2

- c) Extremely High Bandwidth:Longer Distance ,Low Security Risk, Small Size ANY TWO ADVANTAGES 1+1 2

Answer Key

- 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: 4*2=8

Centre to Centre distances between different buildings are as follows:

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
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*****