

Sample Paper

Unit Test-1 2018-19

XII

Multimedia and Web Technology

M.M. : 50

Date: August 02, 2018

Time: 2 Hours

Roll No.:

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- Please check that this question paper contains 5 printed pages.
- Please check that this question paper contains 5 questions.
- Please write down the Serial Number of the question before attempting it.
- 15 minutes time has been allotted to read this question paper and will not write any answer on the answer script during this period.

1.

- a) Ms. Shalini has just created a table named "Employee" containing columns Ename, Department, Salary. After creating the table, she realized that she has forgotten to add a primary key column in the table. Help her in writing SQL command to add a primary key column empid. Also state the importance of Primary key in a table. [2]
- b) What is field in a database? Give an example. [1]
- c) Abhay wants to delete the records where the "FirstName" is "Akshat" in the "Emp" Table. Write MySQL statement. [1]
- d) Ms. Archana, a class XI student has just started learning MySQL. Help her in understanding the basic difference between Alter and Update command with suitable example. [6]

Also suggest her suitable command for the following purpose:

- i. To display the list of the database already existing in MySQL.
- ii. To use the database named City.
- iii. To remove the pre-existing database named Clients.
- iv. To remove all the records of the table named "Club" at one go along with its structure permanently.
- v. To remove all the records of the table named "Club" at one go.
- vi. To display all the records of the table named "Club".

2. Answer the following questions based on HTML: (10 Marks)

- a. Ms. Sangeeta wants to add few descriptive lines in the HTML code which should not be displayed on the webpage rather should remain inactive during execution. Suggest her the solution along with example.

[2]

- b. What is the use of the ALT attribute of an tag? [1]
- c. Name the attributes to be used to change the size of an image in HTML. [1]
- d. Identify the tag to be used for accomplishing the following: [2]
- To give section break in a document or to insert a line along the width of the web page to break up long sections of text.
 - To create a textbox which can accept maximum of 20 characters.
- e. Write the HTML commands to perform the following: [4]
- Create a hyperlink on the image flowers.gif. On clicking this image, the file first.html should be opened.
 - Divide the page horizontally into three sections of measurement 20,60,20 respectively and then further divide the last row vertically into two columns each of equal proportion (50%,50%).

3. Answer the following questions based on PHP: (10 Marks)

- a. The \$_POST command is used to collect values from a form with method. [1]
- post
 - get
 - both (a) and (b)
 - Neither (a) or (b)
- b. Name the function used for the following : [3]
- To read one line at a time from text file.
 - To retrieve a section of a string.
 - To remove whitespace from the end of a string.
- c. What is a constant? Declare a constant MAX and assign the value 10. [2]
- d. Rewrite the following code using switch case [2]
- ```
if($Type=='T')
echo "DISCOUNT ON TV";
else if($Type=='M')
echo "DISCOUNT ON MOBILE PHONE";
else if($Type=='C')
echo "DISCOUNT ON CAMERAS";
else
echo "NO DISCOUNT";
```
- e. Give the output of the following statements: [2]
- echo strrev(substr("Hypertext",2,4));
  - echo 10+8\*\*2;

#### 4. Answer the following questions based on PHP: (10 Marks)

a) Write PHP code to set a cookie named "country" and value "India". The cookie should expire after 2 days.

Also display the values stored in \$\_COOKIE.

[2]

b) Study the code given below and answer the questions that follow :

```
<HTML>
```

```
<BODY>
```

```
<CENTER><H1>Visits Record</H1></CENTER>
```

```
<HR>
```

```
<?php
```

```
 session_start();
```

```
 $_SESSION['user']="Teacher";
```

```
 if(isset($_SESSION['visits']))
```

```
 $_SESSION['visits']=$_SESSION['visits']+1;
```

```
 else
```

```
 $_SESSION['visits']=1;
```

```
?>
```

```
<P ALIGN = "LEFT"> <?php="Welcome $_SESSION['user']. You are visitor no - $_SESSION['visits']" ?>
```

```
Subodh Public School
```

```
</BODY>
```

```
</HTML>
```

1) What is the significance of the delimiters <?php ?> in the above code?

[1]

2) Give one special feature of the \$\_SESSION superglobal of PHP.

[1]

3) Name any one PHP function used in the above code.

[1]

c) Study the code given below :

```
<?php
```

```
$file=_____("teacher.txt","r");
```

```
while(!feof($file))
```

```

{
 echo fgets($file);
 fgets($file);
 echo "
";
}
fclose(_____);
?>

```

- 1) Fill in the blanks to complete the above code fragment that reads the text in the file teacher.txt and displays alternate lines on the web page. [1]
- 2) If the file teacher.txt has 5 lines and the above code is executed, then which lines will be displayed – the first, third and fifth line or the second and fourth line. [1]
- 3) How will the output change if the first and the second line of the loop are interchanged as shown ? [1]

```

<?php
$file=_____("teacher.txt","r");
while(!feof($file))
{
 fgets($file);
 echo fgets($file);
 echo "
";
}
fclose(_____);
?>

```

- d) Write the output of the given code: [2]

```

<?php
$div=0;
for($x=1;$x<=7;$x+=2)
$div+=$x;
echo $div."
".$x;
?>

```

**5. Answer the following questions based on JavaScript: (10 Marks)**

a) Ms. Seema has developed an application to get computerized result of the students of her School. She enters the marks in the Text Fields and corresponding percentage is calculated. But she forgets to write the command for conversion from string to Decimal format. Write the command. [1]

b) What is an array? How is an array declared? What is the need for using arrays? [2]

c) Observe the following script :

```
<script language="javascript">
variable num1,num2,result;
num1=20;
result=0;
num2=num1+10;
//num1=30;
do
{
 if(num2>num1)
 document.write(num1)
 else
 document.write(num2)
 num1+=5;
 result+=num1
}
while loop(num1<=num2);
document.write(result)
</script>
```

1) Every time this script is executed, the programmer receives an error. Identify the error and write the corrected code. [1]

2) Give the output of the above code after removing errors. [2]

d) Write the HTML code to generate the following form : [4]

**SNeHra Stream Choice**

Enter Child's Percentage

Stream

**DISPLAY**

Write the JavaScript code to display the Stream for the Institute as

- Science for percentage above 80
- Commerce for percentage between 60 – 80
- Humanities for percentage between 50 - 60
- Not Eligible otherwise

The user inputs the child's percentage in the top text box and the stream or the message "Not Eligible" should be displayed in the second text box.