

**Preliminary Exam January - 2024**

Sub : Web Technology

Std : XII

Time : 2:30pm to 4:30pm

Max Marks : 50

Date :19/01/2024

**Instructions:**

- (a) All questions are compulsory.
- (b) The question paper consists of 24 questions.
- (c) Question 1, 2, 3, 4, 5, 6,7 and 8, answer in 1 sentence.
- (d) Question 9, 10, 11, 12, 13, 14, 15, 16, 17, 18 and 19, answer in 2 sentences.
- (e) Question 20, 21, 22, 23, 24, answer in 3 to 4 sentences.
- (f) There is choice in the paper questions-Q.23 and Q.24 of 4 marks each.
- (g) In questions with choice, only one of the choices is to be attempted.

- 1 Name the term used to refer to a collection of related fields in a file. 1
- 2 What is an entity? 1
- 3 Name the command which is used to add columns to a table. 1
- 4 Construct MySQL query for the following : 1  
Table : Bank  
Fields : Customer Id, Name, city  
To display Customer Id and names of all the customers whose name contains 5 letters.
- 5 Name the function which returns the largest integer value not greater than the specified number. 1
- 6 What is the use of semicolon in PHP? 1
- 7 Name the mode which is used to write only. Creates a new file. Returns FALSE and an error if file exists. 1
- 8 Write the full form of PHP. 1
- 9 Explain Briefly the data independence in database. 2
- 10 Mention any four characteristics of DBMS. 2
- 11 State and explain any two numeric data types in MYSQL. 2
- 12 Explain Union Command with an example. 2
- 13 Explain any two aggregate functions with examples. 2
- 14 Explain in brief the PHP session. 2
- 15 With an example explain \$\_POST. 2
- 16 Explain File require() with an example 2
- 17 With an example explain mysql\_select\_db(). 2
- 18 Explain the following segment of PHP code: 2  
`$result = mysql_query("select ld, name from pay limit 5,10");`

- 19 Explain following segment of PHP code: 2  
`$result=mysql_query ("select Id, Name from emp Where city NOT IN("Panjim","Quepem");`
- 20 Explain briefly the Entity relationship Model of Library System with a neat E-R Diagram. 4
- 21 Construct MYSQL queries for the following: 4  
 Table: Deposit  
 Fields : Id, Name, City, Amount.  
 a) To add a record to table.  
 b) To change the value of column City to "Margao" where it is "Ponda".  
 c) To Remove records whose amount is above 5000.  
 d) To change the name of the table from Deposit to Bank.
- 22 Explain Do\_While loop with an example. 4
- 23 Write PHP code to input a number using form and print the sum of its digits. 4
- 24 Write PHP code to delete a record from : 4  
 Database: Employee  
 Table : Emp  
 Fields : Id, Name, Date of birth.

Enter Id :

Print a report in the format given below :

Id	Name	Date of birth
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OR

- 24 Write PHP Code to retrieve the records from table and print a report in the format given below:  
 Database :Inventory  
 Table : Stock  
 Fields : Item no, Name, Quantity, Rate  
 Calculation :

$$\text{Total amount} = \text{Quantity} * \text{Rate}$$

#### Stock Report

Item no.	Name	Quantity	Rate	Total Amount
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