Name:

(Theory: Marks: 25) + (Practical: 25 Marks) = 50 Marks

**Theory: HTML**

1. **What are tags and attributes in HTML?**
2. **Define multipart form data?**
3. **Write down Inline and block elements in HTML5?**
4. **What is HTML Canvas? Write Examples**
5. **Write Down Absolute File Paths and Relative File Paths**

**CSS**

1. **What is the Box model in CSS? Which CSS properties are a part of it?**
2. **What is the difference between inline, inline-block, and block?**
3. **What is a Pseudo element? What is pseudo-class?**
4. **Can you name the four types of @media properties?**
5. **Difference between CSS grid vs flexbox?**

**Javascript**

1. **What is the output of the following code: document.write(200+”55Tk”);**
2. 20055tk b. 20050 tk c. 50 tk d. NaN
3. **Which of the following statement can be used as an alternative of if-else statement?**
4. for loop b. while loop **c**.switch-case d. all
5. **Switch(n)**

**{ case A: alert(“1”); break;**

**case B: alert(“2”); break;**

**default: alert(“3”);**

**}**

If n=b then what will be the output?

a. 1 b. 2 c. 3 d. none

1. **Any object property is called–**

a. function b. method c. attribute d. none

1. **var xyz =5;**

document.write(xyz++);

document.write(++xyz);

document.write(xyz++);

What is the output?

a. 567 b.566 c.577 d. None

**PHP**

1. **Differentiate between GET and POST**
2. **What's function will start or resume a session for every PHP \_enable page?**
3. **What will be the output?**

<?PHP

$i=0;

While($i<=10) {

If ($i<=5) {

Continue;

}

Print $i;

$i=$i+1;

}

?>

1. 1 (b) Infinitive (c) 5 (d) 10
2. **What are the main features of OOPs?**
3. **Define a superclass?**

**Laravel**

1. **What are the default route files in Laravel?**
2. **What are Relationships in Laravel? Write Example**
3. **What is Eloquent in Laravel? Write Example**
4. **What are accessors and mutators?**
5. **What is an abstract class?**

**Practical:**

1. **Create Laravel Product CRUD (Name, Description, Price) fields will be there.**

A. Validate - Product name will be unique (name will not be updated during update), 12 characters

B. Description- Validate will be 300 digits

C. Price - Number and character 5 will be there **(15 marks)**

**02. PHP OOP (10 marks)**

class student

{

   public static $my\_name = 'Joe';

   public static function getName()

   {

      return "The name of the student is : " . self::$my\_name;

   }

   public static function getAge()

   {

      // ???????

   }

}

class Professor extends student

{

   public static function getName()

   {

    // ????????

   }

}

student::getAge();

echo "\n";

Professor::getAge();

**Output:**

The name of the student is : Joe

The name of the student is : Joe and age is 24.

**'What to write in the question mark (??)'. Will the output come?**