

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

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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

6. What is the Box model in CSS? Which CSS properties are a part of it?
7. What is the difference between inline, inline-block, and block?
8. What is a Pseudo element? What is pseudo-class?
9. Can you name the four types of @media properties?
10. Difference between CSS grid vs flexbox?

Javascript

11. What is the output of the following code: `document.write(200+"55Tk");`

- a. 20055tk b. 20050 tk c. 50 tk d. NaN

12. Which of the following statement can be used as an alternative of if-else statement?

- a. for loop b. while loop c. switch-case d. all

13. 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

14. Any object property is called–

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

15. `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

16. Differentiate between GET and POST

17. What's function will start or resume a session for every PHP _enable page?

18. What will be the output?

```
<?PHP
```

```
    $i=0;
    While($i<=10) {
        If ($i<=5) {
            Continue;
        }
        Print $i;
        $i=$i+1;
    }
```

```
?>
```

(a) 1 (b) Infinitive (c) 5 (d) 10

19. What are the main features of OOPs?

20. Define a superclass?

Laravel

21. What are the default route files in Laravel?

22. What are Relationships in Laravel? Write Example

23. What is Eloquent in Laravel? Write Example

24. What are accessors and mutators?

25. What is an abstract class?

Practical:

01. 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?