



MAU-003-004303

Seat No. _____

B. Sc. (I.T.) (Sem. III) (CBCS) Examination

October / November – 2016

CS-15 : Web Development using Scripting Languages

Faculty Code : 003

Subject Code : 004303

Time : $2\frac{1}{2}$ Hours]

[Total Marks : 70

SECTION - I

1 Answer the questions in **one** word : **20**

- (1) What is the full form of CSS?
- (2) Who is the developer of HTML?
- (3) Which attribute of tag is used to change the font of content?
- (4) What will be the output of the following :

```
var d=new Date();  
document.write(d.getFullYear());
```
- (5) What will be the output of the following :

```
<script language="javascript">  
var a=10, b=20, c;  
c=a++ + ++b;  
document.write(a+" "+b+" "+c);  
</script>
```
- (6)

```
<script language="javascript">  
document.write(2+5+"8");  
</script>
```

What is the output of the above code?
- (7) Which sign is used to define class selector in CSS?
- (8) Which property is used to set the color of a text?
- (9) Which property is used to set underline in text?
- (10) What is the full form of XML?

- (11) What is the extension of external stylesheet file?
- (12) Which type of stylesheet is created using <STYLE> tag?
- (13) Which tag in HTML is used to scroll text in document?
- (14) Which type of language JavaScript is?
- (15) How many types of stylesheet in CSS?
- (16) Which tag is used to define link?
- (17) How many types of dialog box in JavaScript?
- (18) Which attribute is used to set scrolling speed of text in <MARQUEE> tag?
- (19) Which tag is used to create a textbox control into form?
- (20) To write $X^2 + Y^2$ which tag is used to set the square of X and Y?

SECTION - II

- 2 (a) Attempt any **three** : **6**
- (1) Explain
 and <HR> tag with its attributes.
 - (2) Explain CSS Margin Properties.
 - (3) Explain tag with all attributes.
 - (4) Explain types of loop in JavaScript with example.
 - (5) What is DTD? Explain.
 - (6) Explain tag with example.
- (b) Attempt any **three** : **9**
- (1) Explain background properties of CSS.
 - (2) Explain <DIV> and tags with example.
 - (3) Explain array in JavaScript with example.
 - (4) Explain <MARQUEE> tag with example.
 - (5) What is XML? Differentiate XML and HTML.
 - (6) Write short note on UDF in JavaScript.

- (c) Attempt any **two** : **10**
- (1) Explain <TABLE> tag with all its attributes with example.
 - (2) List events available in JavaScript. Explain onBlur, onClick, onFocus events with example.
 - (3) Explain types of dialog box in JavaScript.
 - (4) Explain <FRAMESET> tag with example.
 - (5) Explain text properties of CSS.
- 3** (a) Attempt any **three** : **6**
- (1) Write note on ID and CLASS selector of CSS.
 - (2) Explain structure of HTML.
 - (3) Explain math object in JavaScript.
 - (4) Explain XPath in XML.
 - (5) Explain any six text formatting tags.
 - (6) Explain If...else if ladder in JavaScript with example.
- (b) Attempt any **three** : **9**
- (1) Explain types of stylesheet with example.
 - (2) Explain any three date objects.
 - (3) What is XSLT? Explain with example.
 - (4) Explain and tags with attributes.
 - (5) List operators of JavaScript. Explain relational and logical operators with example.
 - (6) Explain try...catch in JavaScript.
- (c) Attempt any **two** : **10**
- (1) Explain Border Properties of CSS.
 - (2) Explain common mistakes in JavaScript.
 - (3) Explain JavaScript DOM.
 - (4) Write a program to check whether the number is prime or not.
 - (5) Write a program to print sum of $\frac{1}{2} + \frac{2}{3} + \frac{3}{4} + \dots + n$.