

Code: A-I616126-M

# I SEMESTER EXAM - 2025-26

3 x 180

Std.: XII (SCI)

Sub: IT

Marks: 50

Date:

Roll No.: \_\_\_\_\_

Time: 2½ hrs

## Q.1 Fill in the blanks :

(10)

- 1) The font - weight property ranges between 100 to \_\_\_\_\_.
- 2) Audit results of SEOptimer will have \_\_\_\_\_ of the website.
- 3) \_\_\_\_\_ is a window object method closes a new window.
- 4) \_\_\_\_\_ selector is used when you want to change a group of elements with your html page in css.
- 5) SEOptimer provides clear and actionable \_\_\_\_\_ that can be taken to improve your online pr.
- 6) Every case condition can be escape by \_\_\_\_\_ statement.
- 7) \_\_\_\_\_ {border:green} To give green border to the paragraph element in css fill the appropriate value in blank.
- 8) For SEM one can pay for certain \_\_\_\_\_.
- 9) \_\_\_\_\_ side scripting is more secure then client side scripting.
- 10) The layout of all WebPages can be controlled by \_\_\_\_\_ all at once.

## Q.2 State True / False :

(10)

- 1) To define control for entering week and year in html5 on the form input types weak value is used.
- 2) The alt attribute gives information about the website.
- 3) Back links to your website are a signal to search engines that others are not interested to know about the contents from your website.
- 4) JavaScript captures actions of user so it is known as event driven language.
- 5) Number objects Min\_value property returns largest maximum value.
- 6) When we need no style to apply in unordered list complete the css code for html5 <ol style = "link-style-type : none">
- 7) Meta Description should be between 70 and 160 characters including spaces.
- 8) JavaScript's Date object's Hrs ( ) method sets the.hours of date object.
- 9) To set the height of the video in pixels hgt attribute of <video> tag is used.
- 10) Social bookmarking is a powerful technique in promoting a website.

## Q.3 Multiple Choice Questions 1 correct answer :

(10)

- 1) The highest heading in all headings is \_\_\_\_\_  
a) H6                      b) H4                      c) H3                      d) H1
- 2) Meta Description should be between 70 and 160 characters \_\_\_\_\_ spaces.  
a) excluding              b) including              c) handling              d) showing
- 3) In \_\_\_\_\_ object in JavaScript stores a collection of items.  
a) var                      b) dim                      c) array                      d) object
- 4) When we need no style to apply in unordered list complete the css code for html5 \_\_\_\_\_  
a) <ul style="list-style-type:disc">              b) <ul style="list-style-type:square">  
c) <ul style="list-style-type:circle">              d) <ul style="list-style-type:none">
- 5) \_\_\_\_\_ deals with enhancing the website's ranking, using interactive communities like facebook, twitter, blogs, forums and so on.  
a) SMO                      b) SEO                      c) SOE                      d) SEM

- 6) To develop the interactivity with HTML5 pages \_\_\_\_\_ types of software are required.  
a) script                      b) function                      c) model                      d) subroutine
- 7) Keyword Research and Analysis is an important part of the SEO as well as \_\_\_\_\_.  
a) SEM                      b) SOE                      c) SMO                      d) SOM
- 8) <ol> tag can create numbered list or \_\_\_\_\_ list.  
a) <ol>                      b) alphabetical                      c) numbered                      d) type
- 9) Online Keyword Planner tool is more useful to compare the cost of various \_\_\_\_\_, if the website designer opts for Paid SEM.  
a) keywords                      b) words                      c) keys                      d) characters
- 10) \_\_\_\_\_ side script does not need server interaction.  
a) client                      b) server                      c) network                      d) wireless

**Q.4 Multiple Choice Questions 2 options correct :****(20)**

- 1) The tag defined to use client side image mapping  
a) <img>                      b) direction                      c) link                      d) slow  
e) <map>
- 2) In Google Chrome you can save the bookmark in the \_\_\_\_\_ by clicking the \_\_\_\_\_ icon next to the URL.  
a) browser                      b) server                      c) client                      d) star  
e) down arrow
- 3) The <dt> tag is known as \_\_\_\_\_ and <dd> tag is known as \_\_\_\_\_.  
a) definition list                      b) date list                      c) definition term                      d) date term  
e) definition description
- 4) String object can be written in 2 delimiters which are they ?  
a) "                      b) .                      c) '                      d) \$  
e) #
- 5) Find the valid names of web browsers  
a) google chrome                      b) powerpoint                      c) msoffice                      d) c++  
e) microsoft edge
- 6) \_\_\_\_\_ programs should start with \_\_\_\_\_.  
a) Web                      b) HTML                      c) SEO                      d) <!doctype <html>  
e) html>
- 7) Choose the functions from javascript which will perform the following task  
1. When the values are passed as parameter to \_\_\_\_\_ function It gives maximum value from the values passed to it.  
2. When the values are passed as parameter to \_\_\_\_\_ function it gives minimum value from the values passed to it.  
a) maximum                      b) minimum                      c) max ( )                      d) min ( )  
e) large ( )
- 8) To Mark The text decoration in css it can take following values  
a) line-through                      b) cross                      c) underline                      d) italic  
e) bold
- 9) It is important that created website is mobile friendly for \_\_\_\_\_ exposure and \_\_\_\_\_ to the websites ranking.  
a) maximum                      b) minimum                      c) help                      d) prove  
e) improve

10) Mrs Sonali needs your help suggest her javascript function to do following task

1. to convert any number to positive

2. find the cuberoot of a number

a) ceil ( )

b) cuberoot ( )

c) positive ( )

d) abs ( )

e) cbrt ( )

**Q.5 Multiple Choice Questions 3 correct answers.**

(6)

1) Identify the attributes of <video> tag

a) playcount

b) Poster

c) plugin

d) preload

e) thickness

f) width

g) visible

2) Identify serverside scripting language

a) html5

b) php

c) pascal

d) c++

e) coldfusion

f) vb6

g) python

**Q.6 Solve any 5 out of 8 write short answers.**

(10)

1) Explain internal css with one example.

2) How SEO Audit helps to improve ranking?

3) Write what you know about vue Js

4) Explain <audio> tag and its any 3 attributes.

5) Explain SEO Keywords and Social Bookmarking.

6) Explain use of number object in your words.

7) What are the types of CSS and explain any one of it.

8) Explain features of JavaScript.

**Q.7 A) Solve any one program :**

(5)

1) Write html code to divide the browser page in window into two horizontal sections. The top section should display "INDIA IS NUMBER 1" at the center of the page in largest heading size with background color green. The bottom div should display the text "INFORMATION TECHNOLOGY" use div section and css layout to show text in proper position.

2) Write a HTML code to design Feedback form in HTML that accepts name, address, city, zip code, e-mail address and comment from user. Buttons should be provided for submitting the form and clearing the form use the html5 feature so that data should be entered in uniform manner and validations for email can be done easily using html5 features.

**B) Solve any one program :**

(5)

1) Take input from the user of 5 names of cities and then show the array in order which it is fill on the screen and then show it in reverse order after user clicks reverse button.

2) Write a onclick event driven programme which will generate odd number between 1 to 50.

**Q.8 Match the Following :**

(4)

| Question                  | Field                                   |
|---------------------------|-----------------------------------------|
| 1) a) Keyword consistency | 1) upto 60 character including spaces.  |
| b) Document object method | 2) useful for Off-Page SEO optimization |
| c) content in <title>     | 3) Body content in audit result         |
| d) Social bookmarking     | 4) writeln ( )                          |