

Code: A-I223126-A

I Semester Exam – 2024-25

3 x 125

Std.: XII

Sub: INFORMATION TECHNOLOGY (97)

Marks: 80

Date:

Roll No.: _____

Time: 2.5 hrs

Q.1 Fill in the blanks:

[10]

- 1) A _____ statement is used to jump out of loop.
- 2) Default range for a range control is 0 to _____.
- 3) An _____ is a special variable which can hold more than one value at a time.
- 4) The class selector is written with _____ character, followed by the Class name.
- 5) _____ input restriction specifies that an input field is read only and cannot be changed.
- 6) The indexOf () function will return _____ if a specified character is not found in a string.
- 7) Properties and methods of objects are accessed with _____ operator.
- 8) The _____ element creates an inline frame.
- 9) _____ are actions done by the user or an application that occurs on the webpage.
- 10) To create a client side image map _____ attribute is used with tag.

Q.2 True or False :

[10]

- 1) The Class name should start with number.
- 2) Javascript is platform independent scripting language.
- 3) Javascript is not case sensitive language.
- 4) An ordered list can be only numerical.
- 5) If the statement within loop is a single line then the curly parenthesis is optional.
- 6) An image with single hyperlink is called an image map.
- 7) The default statement is mandatory in switch statement.
- 8) Shared web hosting is cost effective.
- 9) The condition in a looping statement should be Boolean.
- 10) The fixed element will not move, even when the page is scrolled.

Q.3 Multiple Choice Single Answer :

[10]

- 1) _____ keyword is used in JavaScript to create a function.
a) procedure b) subroutine c) function d) Fun
- 2) _____ in CSS indicates the HTML element you want to style.
a) declaration b) selector c) property d) value
- 3) _____ tag defines a definition list.
a) <dl> b) <dd> c) <dt> d) <ld>
- 4) The benefit of a _____ loop is that it combines initialization, condition and loop iteration in single statement.
a) do-loop b) while-loop c) for-loop d) repeat-until loop
- 5) To specify the character encoding used by the document, _____ attribute of <meta> tag is used.
a) name b) content-type c) Description d) charset
- 6) _____ keyword is used to create new object in Javascript.
a) create b) new c) var d) object
- 7) The _____ attribute of <video> tag sets the height of video player.
a) width b) height c) length d) size
- 8) When HTML document is loaded into a web browser, it becomes a _____ object.
a) History b) Navigator c) document d) Location
- 9) The _____ attribute of <audio> tag specifies the URL of the audio file.
a) name b) href c) src d) controls
- 10) _____ object is the parent object of all other objects in Javascript.
a) document b) Location c) window d) History

P.T.O

Q.4 Multiple Choice Multiple Answers (2 correct)**[20]**

- 1) _____ and _____ are the attributes of <input> tag.
a) id b) text c) class d) number
e) radio
- 2) Objects have _____ and _____.
a) properties b) arrays c) index d) methods
e) title
- 3) _____ and _____ are common audio file formats.
a) .aac b) .webM c) .avi d) .ogg
e) .mp4
- 4) _____ and _____ are the types of objects supported by Javascript.
a) static b) dynamic c) built-in d) manual
e) user defined
- 5) _____ and _____ are the two types of Scripting.
a) client-side b) manual c) static d) server side
e) dynamic
- 6) _____ and _____ are the two types of Image Maps.
a) Internal b) Server-Side c) External d) Meta
e) Client-Side
- 7) _____ scripting is more secure than _____ scripting
a) client-side b) Internal c) Inline d) Server-side
e) External
- 8) _____ and _____ are the values of Shape attribute of <area> tag.
a) Circle b) Square c) Rectangle d) Triangle
e) Oval
- 9) _____ and _____ are the methods of window object.
a) alert () b) write () c) writeln () d) concat ()
e) blur ()
- 10) _____ and _____ are the values of Charset attribute of <meta> tag.
a) set-cookies b) unicode c) UTF-8 d) ANSI
e) Big5

Q.5 Multiple Choice Multiple Answers. (3 correct)**[6]**

- 1) _____, _____ and _____ are the properties of number object.
a) NaN b) MIN_VALUE c) Ceil d) MAX_VALUE
e) floor f) sqrt
- 2) The preload attribute of <video> tag can have the values, _____, _____ or _____.
a) url b) auto c) metadata d) none
e) pixels f) loop

Q.6 Match the following.**[4]**

- | A | B |
|---------------------|--|
| 1) Float | a) way of accessing form element |
| 2) getElementById() | b) defines the flow of content |
| 3) Display | c) getting an html element and changing its content |
| 4) innerHTML | d) defines how the components are going to be placed on web page |

Q.7 Short Answers (Any 5)**[10]**

- 1) What is web hosting? Explain the types of Web hosting.
- 2) What is the difference between Server-Side Scripting and Client-Side Scripting?
- 3) Explain the input controls number and range in HTML5.
- 4) What is DOM? Explain its Properties.
- 5) Explain <meta> tag with its attributes.
- 6) Explain any Four event handlers in JavaScript.
- 7) Explain Inline and Internal CSS with example.
- 8) What is an Array object in Javascript? Explain any Two methods of Array object.

- Q.8 A)** Write a program using HTML5 to design a registration form to enter your name, age between 18 and 25, address and telephone no. in the given pattern eg:91-1234567892. Insert an image button to submit the form.

[5]**OR**

- A)** Write a program using HTML to display an unordered list listing names of any four fruits. Use bulleted list type square for displaying list items. Give appropriate heading aligned to the center of the page and text colour green using CSS.

[5]

- B)** Write an event driven program in JavaScript to print the Factorial of a number accepted from the user.

[5]**OR**

- B)** Write an event driven program in JavaScript to print the area of a circle.

[5]
