

PVG's
Muktangan English School & Jr. College, Pune - 9
Preliminary Examination (2024-25)
STD XII

Subject : Information Technology

Marks - 80

Date : 10.01.2025

Time : - 8.15 - 11.15 am

Q.1 Fill in the blanks: **(10)**

- 1) The _____ attribute of <input> tag specifies that an input field is read only.
- 2) _____ is useful in increasing number of visitors to a website.
- 3) The _____ method of DOM is used to access form elements.
- 4) Amazon web services (AWS) is an example of _____ .
- 5) PHP is _____ side scripting language.
- 6) In _____ commerce scope is local.
- 7) To define a definition list _____ tag is used.
- 8) The _____ SEO technique is used to display duplicate content on a web page.
- 9) In JavaScript, _____ object is the parent of all other objects.
- 10) Smart Home is the application of _____ technology.

Q.2 True or False: **(10)**

- 1) <input type="tel"> used to define input fields should be disabled.
- 2) Mobile friendliness is only used for ranking the websites.
- 3) indexOf() method of Array object search the array for an element and returns its positions.
- 4) PaaS do not provide collaborative work if teams work remotely.
- 5) Information sent from a form with GET method is not visible to everyone.
- 6) ebay is an example of C2B.
- 7) writeln() method is same as write() method of DOM object.
- 8) Cookies store visited page on browser to optimize search.
- 9) Cipher text means readable form of data.
- 10) Ucwords() function converts the first characters of each word in a string to uppercase.

Q.3 Multiple choice questions with one correct answer: **(10)**

- 1) The list within another list is called _____ list.
 - a) Listed
 - b) Tested
 - c) None
 - d) Nested

- 2) PHP files are saved with _____ extension.
 - a) .html
 - b) .xml
 - c) .js
 - d) .php
- 3) The _____ include relevant content.
 - a) On-Page SEO
 - b) Off-Page SEO
 - c) White Hat SEO
 - d) Black Hat SEO
- 4) The _____ scripts are used for validation purpose.
 - a) Client Side
 - b) Server Side
 - c) Website
 - d) Web Browser
- 5) In _____ cloud services all the data is protected behind the firewall.
 - a) Public
 - b) Private
 - c) Secure
 - d) Hybrid
- 6) The _____ function returns a part of a string.
 - a) substr()
 - b) trim()
 - c) strrev()
 - d) str_len()
- 7) The _____ phase of Trade cycle consist of two steps like search and negotiate.
 - a) Presale
 - b) Execution
 - c) Settlement
 - d) After Sales
- 8) A variable declared _____ a function has a LOCAL SCOPE.
 - a) Inside
 - b) Outside
 - c) Between
 - d) Within
- 9) The _____ event occurs when document page has been unloaded or closes.
 - a) onsubmit
 - b) onunload
 - c) onselect
 - d) onload
- 10) Website is made available on the Internet with the help of _____.
 - a) Website
 - b) Web space
 - c) Web world
 - d) Web hosting

Q.4 Multiple choice questions with two correct answers:

(20)

- 1) Following are the attributes of <audio> tag.
 - a) width
 - b) autoplay
 - c) muted
 - d) height
- 2) Examples of Bank Transfers are _____.
 - a) EDI
 - b) NEFT
 - c) IMPS
 - d) Cash Transfer

- 3) Advantages of PHP are _____ and _____
 - a) Platform independent b) Does not support to database
 - c) Difficult to learn d) Easy to Learn e) Paid software
- 4) Benefits of cloud computing are _____
 - a) Mobility b) Non-reliable c) Expensive
 - d) Reliable e) Non-portable
- 5) confirm() method of window object displays confirm dialog box containing message with _____ and _____ button.
 - a) GO b) OK
 - c) Cancel d) Click
- 6) Factors of SEO are _____
 - a) Speed of the website b) Web browser
 - c) Mobile friendly d) URL
- 7) Following are the attributes of <area> tag.
 - a) Href b) Src
 - c) Link d) Coords
- 8) The PHP superglobals _____ and _____ are used to collect form data.
 - a) \$_GET b) \$_PET c) \$_POST
 - d) \$_CET e) \$_NET
- 9) Following are the properties of Number Object in JavaScript ____
 - a) Lowercase b) Uppercase
 - c) NaN d) MAX_VALUE
- 10) Following attributes of <input> tag are used to specify minimum and maximum value for input field ____
 - a) min b) disabled
 - c) multiple d) max

Q.5 Multiple choice questions with three correct answers:

(6)

- 1) In PHP three types of arrays are _____, _____ and _____
 - a) inside b) multiple c) indexed
 - d) associate e) outside f) multi-dimensional
- 2) The elements can be positioned using _____, _____ and _____ properties.
 - a) top b) bottom c) middle
 - d) right e) up f) down

Q.6 Match the following: (4)

Column 'A'	Column 'B'
1) http-equiv	a) alt attribute
2) function	b) Removes white spaces from both sides of string
3) trim()	c) Used for http response message headers
4) Image optimization	d) Method visible to everyone
	e) Block of statements that can be used repeatedly in a program.

Q.7 Answer the following (any 5): (10)

- 1) Explain in short Black Hat technique.
- 2) Explain types of Cloud Computing.
- 3) Explain phases of Trade Cycle.
- 4) Explain SEO Audit in detail.
- 5) Give brief idea about AI.
- 6) Write a short note on Digital Signature.
- 7) Explain models of Cloud Computing.
- 8) Explain types of E-Commerce.

Q.8 Programs: (10)

[A] HTML Programs: (5)

- 1) Write a HTML program to create an ordered list of 2 languages used for speaking and Unordered list having 3 computer languages.

OR

- 2) Write a HTML program to accept name of hospital, Email Id of the hospital, number of Beds in hospital. The data should be sent to the server.

[B] JavaScript Programs: (5)

- 1) Write an event driven JavaScript program to display area of a triangle. Accept base and height from the user.

OR

- 2) Write an event driven JavaScript program to display table of accepted number. (e.g. $2 \times 1 = 2$, $2 \times 2 = 4$,)

