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Preliminary Examination (2025-26)
Standard - XII

Subject : Information Technology

Marks : 80

Date : 09.01.2026

Time : 8.15 am to 11.15 am

Q.1 Fill in the blanks.

(10)

1. _____ style sheet is used to apply CSS on a single document or page.
2. _____ is a powerful tool in promoting a website.
3. _____ scripting communicates to the server.
4. _____ is a model for enabling, convenient or demand network access to a shared pool of computing resources.
5. PHP is _____ language, there is no need of compilation.
6. _____ converts plain text into cipher text.
7. Amazon web services (AWS) is an example of _____.
8. Using _____ method, id property is used to find an element.
9. _____ SEO include link building , increasing link popularity by submitting open directories.
10. The _____ positioning is the default position for HTML element.

Q.2 True or false:

(10)

1. Alt attribute specifies extra information about clickable area.
2. On - Page SEO is concerned with information that is displayed to the end - user.
3. Index of first element of an array is one.
4. IaaS provide automated and static environment.
5. A variable starts with \$ sign, followed by name of variable in PHP.
6. PHP does not supports databases.
7. E - commerce provides face to face interaction.
8. In PHP, single line comment is inserted using // or # sign.
9. open() method of window object removes the focus from the current window.
10. NEFT, IMPS, etc. are the examples of Bank transfer.

Q.3 Multiple choice ONE correct answer:

(10)

- 1) To collect different kinds of user inputs, _____ controls are used.
 - a) form
 - b) image
 - c) email
 - d) radio
- 2) _____ include relevant content .
 - a) On - Page SEO
 - b) Off- page SEO
 - c) White Hat SEO
 - d) Black Hat SEO
- 3) _____ method of DOM object writes HTML expressions of Javascript code to a document.
 - a) write()
 - b) read()
 - c) close()
 - d) ReadOnly()
- 4) LTE stands for _____.
 - a) Long Term Evolution
 - b) Long Term Evolve
 - c) Large Term Evolution
 - d) Long Test Evolution
- 5) A variable declaration _____ a function has a GLOBAL scope.
 - a) inside
 - b) outside
 - c) middle
 - d) topside
- 6) The _____ type of E - governance is the internal part of G2G sector.
 - a) G2C
 - b) G2B
 - c) G2G
 - d) G2E
- 7) A _____ is a small text file that the server sends on the user's computer.
 - a) Cookie
 - b) session
 - c) Presentation
 - d) Method
- 8) The companies that provide web hosting services are called _____.
 - a) Website
 - b) Web Hosts
 - c) Web Server
 - d) Web Links
- 9) _____ is a subset of search engine marketing.
 - a) MIS
 - b) GPS
 - c) SEO
 - d) CRM
- 10) _____ function returns the length of a string.
 - a) strrev()
 - b) strlen()
 - c) strlengh()
 - d) substr()

Q.4 Multiple choice TWO correct answers. (20)

(20)

- Following are the common input restrictions on the form.
 - class
 - max
 - time
 - pattern
 - image
- Techniques of SEO are classified into _____ and _____ .
 - On - Page SEO
 - White Hat SEO
 - Off- page SEO
 - Black Hat SEO
- The built - in Math object includes mathematical _____ and _____ .
 - constants
 - functions
 - objects
 - values
- Which are the examples of software as a service?
 - Google Cloud platform
 - SAP
 - Slack
 - Internet Explorer
 - Web Browser
- Popular PHP frameworks are _____ .
 - Echo
 - Laravel
 - Server side
 - Symfony
- E - commerce is also referred as paperless exchange of business information using _____ and _____ .
 - Public key
 - Private key
 - Electronic fund Transfer
 - EDI
- Following are the attributes of <Meta> tag.
 - charset
 - email
 - http - equiv
 - file
- Following are the methods of Array object in Javascript.
 - index
 - length
 - forEach()
 - isArray()
- Features of PHP are _____ .
 - Interpreted
 - open source
 - Difficult
 - Platform Dependent
- Following are the attributes of tag .
 - Alphabet
 - start
 - Number
 - Reversed

Q.5 Multiple choice THREE correct answers.**(6)**

- 1) PHP datatypes are _____.
a) Text b) String c) Number
d) Integer e) Empty f) Boolean
- 2) Following are the type of floating properties.
a) float : mid b) float : top c) float : left
d) float : none e) float : right f) float : min

Q.6 Match the following.**(4)**

Column A	Column B
1) alert()	a) used to check whether the variable has value or not
2) Factors of SEO	b) Displays box with ok button
3) src	c) Page speed
4) isset()	d) specifies the URL of audio / video file

Q.7 Answer the following questions. (Any five)**(10)**

- 1) Explain in short Black Hat technique.
- 2) Explain features of 5G.
- 3) Explain Pre- Sales and Execution phases of Trade Cycle?
- 4) Explain the following factors for SEO.
 - a) Mobile friendly
 - b) Creating Robots.txt
- 5) Explain benefits of cloud computing.
- 6) List the advantages of E- Governance
- 7) Explain SEO Audit in detail.
- 8) Define IoT with example.

Q.8 Programs**(10)**

- A) Write a HTML program to accept Name of the employee (cannot be blank), Email id of the employee, Salary (maximum 40000) . The data should be sent to the server. (5)

OR

- A) Write a HTML program to create an ordered list of Tea, Coffee and Milk and unordered list under milk as turmeric milk and plain milk. (5)
- B) Write an event driven Javascript program to display factorial of 6 when mouse is moved on the button. (5)

OR

- B) Write an event driven Javascript program to display double of accepted number. (5)

