



Prelim- 2

Subject:-Information Technology

Class :-12th Science

Date :-

Time:- 3hr

Total Marks:-80

Note :

- (i) All questions are compulsory.
- (ii) Answer the questions after carefully reading the text.

Q1. Fill in the Blanks (Each question 1 mark) (10 marks)

1. The.....property is useful for getting html element and changing its content.
2. When it is necessary to skip statement block and take the control at the beginning for next iterationstatement is used.
3. Smart Home is the application of.....
4. Finding a supplier and agreeing the terms isphase of trade cycle
5. Amazon is the..... service provider.
6. A variable in PHP starts with.....sign followed by variable name.
7. The float property defines the..... of content.
8. The is a tag in html that describes some aspects of contents of a webpage.
9.file tells search engine which pages you want to exclude from indexing.
10. SEOare the important words and phrases related to the developed website content.

Q2.State True or false. (Each question 1 mark) (10 Marks)

1. Multilevel list can be created in html 5.
2. After sales services are the parts of settlement phase of trade cycle.
3. Javascript is case sensitive language.
4. Cloud computing solutions are expensive than the actual overall Infrastructure set up for the I.T services.
5. Max_value property of number object returns smallest possible value.
6. With social bookmarking, you can not create high-quality backlinks.
7. Php is platform dependent scripting language.
8. E-commerce eliminates human errors and duplication of records.

9. \$_post is an array of variables passed via the url parameters.
10. Due to 5G Uploading and downloading time speed is high

Q3. Multiple choice question (Select One option) (Each question 1 mark)

(10 Marks)

1. A programmer wants to define range for age between 18 to 50, he will use a form with following appropriate control.
 - a) number
 - b) compare
 - c) Textboxes
 - d) Range

2.type of payment system is highly useful to those customers who would like to control overspending,
 - a) Prepaid
 - b) Post paid
 - c) both of these
 - d) none of these

- 3.. ----- method displays message box with ok and cancel button.
 - a. Alert()
 - b. both a and b
 - c. None of these
 - d. Confirm()

4. The PROGRAM file of PHP HAVE _____ extension.
 - a) .ASP
 - b) .php
 - c) .js
 - d) .txt

5. A VARIABLE DECLARED _____ A function HAS GLOBAL scope.
 - a) outside
 - b) ANYWHERE
 - c) inside
 - d) none

6. The _____ function returns a part of string.
 - a) trim()

- b) ucwords()
- c) substr()
- d) strpos()

7. A friendly URL is:

- a) The URL with cryptic text and a lot of numbers
- b) Short, with recognizable text
- c) Short, with recognizable text and relevant keywords

8. Which of the following is the highest degree of integration in cloud computing?

- a) CaaS
- b) AaaS
- c) PaaS
- d) SaaS

9. If you were to use keywords in the same color as the background of your website, thus hiding them, what kind of SEO technique would you be practicing?

- a) Leverage branding
- b) White hat SEO
- c) Black hat SEO

10.character is used to create id in CSS.

- a) %
- b) \$
- c) @
- d) #

Q4. Multiple choice question (select two option) (Each question 2 mark)

(20 Marks)

1. A CSS rule set contains and

- a) set
- b) selector
- c) post
- d) declaration
- e) block

2. ----- AND ----- ARE event HANDLER used with text object in JAVASCRIPT.

- a) onBlur
- b) onMove

- c) onFocus
- d) onAction

3. Encryption consist of two processesand

- a. encryption
- b. signature
- c. decryption
- d. digitization
- e. Security

4. The _____ & _____ ARE VALID DATATYPE in PHP.

- a. Double
- b. VARCHAR
- c. Integer
- d. ARRAY
- e. BigInt

5. Single line comment in PHP is possible using ____, _____.

- A) //
- b) /* */
- c) #
- d) <! >
- e) \$

6. . Following are the examples of Public cloud

- a. Amazon AWS
- b. Google Cloud Platform
- c. VMware
- d. Cloud
- e. Amazon VPC

7. Hybrid cloud Combines bothand clouds elements

- a. Public
- b. Private
- c. Protected
- d. Virtual

8. What are OFF page factors?

- a. Title tags
- b. H1 Tags
- c. Description
- d. Blog/forums
- e. Social media

9. List within another list eitherlist orlist is called nested list.

- a. Multilevel
- b)order
- c)unordered
- d)general
- e)cascading

10. Image maps are of two typesand.....

- a. Network side
- b.client side
- c)computer lab
- d)Server side
- e)n-computing

Q5. Multiple choice question (select three option) (Each question 3 mark)

(6Marks)

1. Attributes used with **<audio>** tag.....

- a)Autoplay
- b)href
- c)controls
- d)cntrl
- e)loop

f) bgsound

2. Features of PHP are
- a) Simple
 - b) Platform Independent
 - c) Difficult
 - d) Error creating
 - e) Error Reporting
 - f) Closed Source

Q6. Match the following

(4Marks)

A. Column A

Column B

a. White hat SEO

i) Replace some characters in a string

b. trim()

ii) Manipulate Google's algorithm to improve ranking

c. usemap

iii) improve user experience ethically and genuinely

d. stripslashes

iv) Removes white SPACES from

both sides of string

v) Client side image map

vii) reverses string in php

Q7. Answer in Brief (Any 5)

(10 Marks)

1. Give any 4 applications of IOT
2. Write down difference between Black hat and white hat SEO.
3. Write any four advantages of e-governance
4. Describe process of encryption
5. Explain the concept of 5G also explain features of 5G.
6. List out advantages of E-commerce.
7. Write advantages and disadvantages of IoT.
8. Write short note on factors responsible for SEO: Page structure optimization.

Q.8.(A) Write a Program using Html. (Any 1)

(5 Marks)

1. Write a program using html with following CSS specification
 - a) The background colour of the company name should be in green.
 - b) The text colour of the company name should be red.
 - c) The heading should be large with font "comic sans ms"
 - d) The description of the company should be displayed in blue color in a paragraph.
2. Write a program using html with following CSS specifications:
 - a) The page should contain heading as XII IT in blue color
 - b) Create Unordered List of topics in IT (ex. Advanced web designing etc)
 - c) Change the font to comic Sans

Q 8 (B). Write a Program using JavaScript (any 1)

(5marks)

1. Accept ANY string from user AND count AND DISPLAY number of vowels occurs in it by clicking button.
2. Write javascript code to print all even numbers from the range 100 to 150 by clicking a button.

*****All the Best*****