QUESTION BANK SCIENCE

FROM
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Q1]Fill in the blanks

1] The _____ tag is used to create a form.
2] CSS stands for _____.
3] The _____ attribute of <input> tag specifies that an input field is required.
4] The _ tag describes aspects of contents of web page.
5] CSS stands for _____
6] External style sheet file extension is _____.
7] The _ selector is used as a wildcard character.
8] The _ Positioning is the default position for HTML element.
9] The ___ tag is used to define Ordered list.
10] The ___ tag is used to define UnOrdered list.
11] To define a definition list_____ tag is used.
12] MPEG stand for_____
13] The _____ attribute of <audio>tag sets the audio will start over again, every time it is finished.
14] An image with multiple hyperlink is called as _____.
15] The clickable region of image map are called as _____.
16] To create a client side image map _____attribute of <img> tag is used.
17] The _ element creates an inline frame.
18] Website is made available on the internet with the help of _____
19]_____ will not be displayed on the web page.
20] The _____ attribute of <input> tag is used to identify the html element uniquely through the document object model.
21] SEO Stands for _____.
22] _____is a subset of search engine marketing.
23] _____SEO Techniques that search engine recommends as a part of good design.
24] Title contents should be upto _____ character.
25] Meta description should be between 70 and _ character.
26] _____ is ma powerful tool in promoting a website.
27] SMO stands for _____
28] An _____ helps to find out what you can be done to improve ranking on search engine , so that consumers can find the website with greater ease.
29] __ backlinks are the links on the website that, when clicked take the user to another side.
30] _____ file tells search engine which page you want to exclude from indexing.

31] _____is a platform independent scripting language.

32] The _ keyword is used to create new object in JavaScript.

33] DOM stand for _____

34] _____ method of string object return the character at the specified position.

35] _____ are the actions done by users or an applications that occur on the webpage.

36] _____ method of window object calls a function or evaluates an expression after a specified number of milliseconds.

37] _____ method of window object display the alert box containing message with OK button.

38] Using ____ method id property is used to find an element.

39] Javascript has a built in multiway decision statement known as_____.

40] ____ statement is used to jump out of loop

41] All tangible things are known as _____

42] _____ means increment or decrement value of running variable

43] IOT stands for ___

44] SAAS stand for _____.

45] IAAS stands for _____

46] PAAS stand for _____

47] GitHub is an example of _____

48] 5G Is the next generation of _____ communication.

49] LTE stands for _____

50] Amazon is the ___ Service provider

51] PHP is _____ scripting language.

52] A variable start with _____ sign followed by variable name.

53] _____ keyword is used to display text on web page.

54]A _____ is a block of statement that can be repeatedly in a program.

55] A _____ is a small text file that the server sends on user computer.

56] __ ___ is used to store user information on server to track user activities.

57] E- Commerce scope is _____

58] EDI is a _____ exchange of information.

59] E-Wallet is a type of _____ account in which a user can store money for any future online transaction.\

60] _____ converts plain text into Cipher text.

61] A _____ is also known as Electronic signature.

62] A ____ is an electronic password that allows a person to exchange data securely over the internet using public key infrastructure.

63] The ____ phase consist of Order and Delivery.

64] G2G stands for _____ to _____.

Q2] True or False

1] HTML is an object oriented programming language.
2] charset is used for character encoding declaration.
3] An unordered list can be numerical or alphabetical.
4] multilevel list can be created in HTML5.
5] srccode specifies the HTML content of the webpage to show in the iframe.
6] <input=”date”> defines a date picker with year , month and day.
7]default range of range control is 100-200.
8] Required attribute must be specifies that an input field must be filled out.
9]<meta> tag is a paired tag.
10] <meta charset=”UTF-8”> is for Indian character.
11]A css rule set contain a selector and a declaration block.
12] <link> tag is placed inside body section.
13] class selector is used with a period character.
14] tag defines ordered list,
15] The default value of type attribute in ordered list is 1.
16] The list items in unordered lists are marked with numbers.
17] HTML5 does not support type attribute of <ul> tag so you can use CSS style.
18] To define a definition list <db tag is used.
19] The <dd> tag is used to define the term whereas the <dt> tag is used to define
the term's definition.
20] List within list is called nested list.
21] Controls attribute display play, pause buttons etc.
22] Autoplay, controls, muted are the attributes without any values.
23] The <video> tag is used to embed video in web page.
24] The usemap attribute acts as a pointer which indicates that the image is a
client side image map.
25] <area> tag is paired tag.
26] Inline frames are used in online advertising
27] SEM is a subset of search engine optimization.
28] SEO is useful in increasing the number of visitors to a website.
29] On-Page SEO include provision of good content, good keyword.
30] Off-Page SEQ include link building, increasing link popularity.
31] White Hat strategies include duplicate content.
32] Invisible text and stuffed keyword are part of Black Hat Strategies.
33] Title content should be up to 60 characters.
34] Meta Description should be between 70 and 160 characters

35] Website's mobile friendliness is not important factor in ranking.
36] Robots.txt file tells search engine which pages you want to include from indexing.
37] JavaScript is not case sensitive language .
38] Functions are declared in JavaScript using var keyword.
39] Client side scripts are placed inside HTML document.
40] Client side scripts are generally used for validation purpose.
41] For loop combines initializing, condition and loop iteration in single statement.
42] While loop executes statements as long as the condition is false.
43] Break statement is used to jump out of loop.
44] A JavaScript object is an entity having properties and objects.
45] window object is parent object of all other objects-.
46] An object of window is created automatically by the browser.
47] status property of window object sets the name of a window.
48] blur() method of window object removes focus from the current window.
49] Events are the actions done by the user or an application that occurs on the web page.
50] length property returns the number of characters in a string.
51] lastIndexOfO method of string object returns the index of the last occurrence of specified character in given string.
52] The internet of thing is the network of physical devices only.
53] In IaaS enterprises saves the cost of buying and maintaining their own hardware.
54] In SaaS service provider delivers software and application through the internet.
55] Cloud computing solutions are more portable.
56] 5G technologies may use variety of spectrum bands.
57] PHP hides the code from the user.
58] PHP is case sensitive only at the time of variable declaration
59] A variable name can starts with a number.
60] A variable declared outside a function has a GLOBAL SCOPE
61] Comments are the non executable statement in PHP code.
62] A function is a block of statements that can be used repeatedly in a program.
63] GET has limits on the amount of information to send.
64] Information sent from a form with POST method is invisible to everyone.
65] Session is used to store user information on server to track user activities.
66] E-Commerce is 24 x 7.
67] E-Commerce reduces paper work.

68] M-Commerce is buying and selling of goods and services through smart

phones and tablets.

69] EDI is the non-electronic interchange of business information using a standardized Format

70] Two most common documents exchanged using EDI are purchase orders and Invoices

71] E-Governance delivers SMART governance

72] Digital India is a campaign launched by the Government of India is order to make Government's Services available to citizens electronically.

Q3] Multiple choice ONE answer

1] The tag is used to create a form.
(a) <input> (b) <text area> (c) <select> (d) <form>

2] <input type= " "> defines a field for entering a number.
(a) color (b) Number (c) Date (d) email

3] The attribute of <input> tag specifies a regular expression to check the input values.
(a)   Required (b) Multiple (c) Pattern (d) Max

4] <meta charset = "BigS"> is for language.
(a) Indian (b) USA (c) Chinese (d) Italy

5] The page session will get expire at specified date and time using value of http-equiv attribute**.**
(a) Expires   (b) Refresh
(c) set-cookie   (d) content-type

6] There are methods of implementing styling information to an HTML document**.**
(a)   Four (b) Five . (c) Three (d) Six

7] Internal CSS is also called a _____CSS.
(a) Embedded (b) Inline (c) Inbuilt (d) External

8] The value of text-decoration property is used to add strike through

marks.
(a) line-through
(c) None
(b) underline
(d) overline

9] A Class selector is used with .... character followed by the class name.
(a) Period (.) (b) asterisks (*)   (c) hash (#)   (d) Copyright ©

10] There are ____ types of positioning in CSS.
(a) One   (b) Four   (c) Six   (d) Three

11] The ____ attribute of <audio> tag sets the audio will start over again, every time it is finished.
(a) loop   (b) controls   (c) Src   (d) muted

12] The Attribute specifies that the items of the lists are specified in the reverse order.
(a) type   (b) reverse   (c) order

13] The _____ specifies the starting number of the first item in an ordered list.
(a) Type   (b) Reversed   (c) start   (d) Name

14] _____ is the default value of type attribute of <ul> tag.
(a) Disc   (b) square   (c) circle   (d) bullet

15] The list within another list is called list.
(a) listed   (b) tested   (c) none   (d) nested ..

16]_____ The attribute of <audio> tag specifies the URL of the audio file.
(a) muted   (b) loop   (c) Src   (d) controls

17] The attribute an image to be shown while the video is downloading.
(a) Poster   (b) URL   (c) Autoplay   (d) Muted

18]____ tag is used to insert an image on a web page.
(a) <image>   (b) <img>   (c) <body>   (d) <head>

19] Usemap attribute of <img> tag is used with valve which is preceded with a

.... symbol.

(a)   #   (b) @   (c) $ (d) •

20]_____ are paid hosting servers for large web site
(a) free   (b) dedicated hosting
(c) fixed   (d) shared .

21_____ is a set of instructions used to produce various kinds of outputs.
(a) Design   (b) Software   (c) Program   (d) Hardware

22]_____ is a JavaScript based open source frontend web framework
.   developed for single page application. .
(a)   VueJS   (b) Response   (c) Angular JS
    (d) React

23] Functions in JavaScript are declared using _____Keyword.
(a) Function   (b) Object   (c) Method   (d) var

24] Variables in JavaScript are declared using _____Keyword.
(a) Function   (b) Object   (c) Method   (d) var

25] All tangible things are known as .
(a) Method   (b) Objects   (c) Function   (d) Variable

26] The way in which HTML document content is accessed and modified is' called
    as
(a) Document One Model
(b) Document Object Model
(c) Design Object Model
(d) *Do* Object Model

27]_____. method of window object displays the confirm dialog box
containing message with ok and cancel button.
(a) blur()   (b) confirm()   (c) print()   (d) focus()

28]_____ event occurs when an element gets focus.
(a) onload   (b) onblur   (c) onfocus   (d) onchange

29] event occurs when document page has been unloaded or closes.
(a) onsubmit (b) onunload   (c) onselect   (d) onload

30]___ method of string object returns the index of last occurrence of specified character in given string.
(a) substr() (b) charAt() (c) lastIndexOf() (d) trim()

31]____ property of Number object returns the largest minimum value .

(a) MAX_VALUE   (b) NaN
(c) MIN_ VALUE   (d) Fixed

32] ___ property of number object represents not a number value.
(a) NaN   (b) Value   (c) Fixed   (d) Index

33] IoT helps to _____.human efforts.
(a) remove   (b) reduce   (c) increase   (d) stop

34] In cloud services all the data is protected behind the firewall.
(a) public   (b) private   (c) secure   (d) hybrid

35] LTE stands for _
(a) Long Term Evolution
(b) Long Term Evolve
(c) Large Term Evolution
(d) Long Test Evolution

36] The PHP code can also be embedded with HTML tags using , .
(a) <!Php!>   (b) <?php and ?>
(c) <=php>   (d) <#php#>

37] A variable in PHP starts with the sign followed by name of the variable.
(a) #   (b) @   (c) =   (d) $

38] Information can be passed to functions through .
(a) Condition   (b) arguments   (c) array   (d) variable

39] _____ method in PHP is used to check whether variable has value or not.

(a) outset()   **(b) inset()**   **(c) noset()**   **(d) isset()**

40] Commerce has limited to business hours.
(a) Traditional
(c) Digital
(b) Electronic
(d) E-governance

41]___ In model business sells its product directly to a customer.
(a) C2B   **(b) B2C**   **(c) B2B**   **(d) C2C**

42] On-line auction is example of model.
(a) C2B   **(b) B2C**   **(c) B2B**   **(d) C2C**

43] _____ phase of Trade cycle consists of Order and Delivery.
(a) Presale   **(b) Execution**   **(c) Settlement**   **(d) After sales**

44] Commerce is a subset of electronic commerce that involves social media like facebook , Instagram and Twitter.
   (a)   **Local**   **(b) Divisional**   **(c) National**   **(d) Social**

45] The. .... type of E-governance refers to the interaction between different government departments, organizations and agencies.
   (a)   **G2C**   **(b) G2B**   **(c) G2G**   **(d) G2E**

46] PKI stands for .
(a) Public Key Infrastructure
(c) Publish Key Certificate
(b) Personal Key Certificate
(d) Person Key Certificate

47] _____ phase of Trade cycle consists of service and warranty
(a) Presale   **(b) Execution**   **(c) Settlement**   **(d) After sales**

48] _____ phase of Trade cycle consists of search and negotiate.
(a) Presale   **(b) Execution**   **(c) Settlement**   **(d) After sales**

49]_____ is of two types symmetric and Asymmetric.
(a) Encryption   **(b) Private key**

(c) **Public key**   (d) **Decryption**

50] License renewals and paying tax can be done through .... type of
    E-Governance.
. (a) **G2E**   (b) **G2G**   (c) **G2C**   (d) **G2B**

Q4] Multiple choice TWO answer

1] Following are the values of type attribute of <input> tag
(a) **Minimum**   (b) **Maximum**
(c) **date**   (d) **email**

2] Following are the values of http-equiv attribute of <meta>tag .
(a) **month**   (b) **refresh**   (c) **image**   (d) **expires**

3] Text decoration property is used to add .
(a) **line-through**   (b) **strike-through**
(c) **underline**   (d) **justify**

4] Following are the values of Display properties
(a) **Middle**   (b) **Inline**   (c) **Block**   (d) **top**

5] An ordered list can be or .
(a) **Static**   (b) **Numerical**   (c) **Constant**   (d) **Alphabetical**

6] To create items in definition list and and tag are used.
(a) **<dt>**   (b) **<cd>**   (c) **<dd>**   (d) **<ld>**

7] Following are attributes of <audio> tag .
(a)**Width**   (b) **autoplay**   (c) **muted**   (d) **height**

8] Following are common video formats .
(a) **.mp3**   (b) **.aae**   (c) **.mp4**   (d) **.webM**

9] Following are the attributes of <video> tag .
(a) **href**   (b) **Sre**   (c) **loop**   (d) **link**

10] Preload attribute of <video> tag have following values .

(a) Sre   (b) width   (c) auto   (d) Metadata

11] Following are the attributes of <area> tag.
(a) Href   (b) Src   (c) link   (d) coords

12] Attributes of <iframe> tag are _____, ____
(a) Src   (b) href   (c) loop   (d) Srcdoc

13] The page content optimization can be done by using keywords in ___ and __ ..
(a) <font>   (b) <title>
(c) <hr>   (d) <meta>   (e) <input>

14] Following are the built in objects in JavaScript .
(a) Math   (b) Time   (c) Array   (d) ·Month

15] Following are the methods of Document Object Model .
(a) body   (b) writet()   (c) URL   (d) writelnO

16] confirm() method of window object displays confirm dialog box containing message with ____ and _____ button.
(a) GO   (b) OK   (c) Cancel   (d) Click

17] Variables are used for storing values such as ___ and............ .
(a) Methods   (b) Numeric values
(c) Character Strings

18] Loop structure in PHP are .
(a) for   (b) foreach   (c) if   (d) if else statement

19] Comments in PHP is possible in following ways.
(a) //   (b) \\   (c) /*and*/

20] Form data can be submitted by _____ or ____ method
(a) Return   (b) forward   (c) GET   (d) POST

21] The PHP super globals ____ and _____are used to collect form data.
(a) $_GET   (b) $POST   (c) $GET   (d) $_POST

22] Examples of B2C model are , .
(a) Linux   (b) Flipkart   (c) Amazon   d] window

23] Examples of C2C model are .
(a) Network provider   (b) OLX
(c) EDI   (d) Quikr

24] The settlement phase consist of ___and ____.
(a) Order   (b) Invoice   (c) Search   (d) Payment

25]   Examples of Bank Transfers are .
(a) EDI   (b) NEFT   (c) IMPS   (d) Cash Transfer

26] Examples of E-Wallets are .
(a) Paytm Wallets   (b) State Bank Buddy
(c) EDI   (d) Trade Cycle

Q5] Multiple choice THREE answer

1] Name attribute of <meta>tag specifies the name of meta data like ,
.... or .
(a) Content
(b) author
 (c) Keywords
(d) Src
(e) Description
(f) Desc

2] The elements can be positioned using properties.
(a) top   (b) bottom   (c) middle   (d) right
(e) up   (f) down

3] Following are the values of shape attribute of <area> tag .
(a) rect   (b) circle   (c) square (d) star
(e) poly   (f) triangle

4] Following are the attributes of <area> tag.

(a) href   (b) src   (c) width   (d) alt
(e) height   (f) srcdoc

5] Following are the attributes of <iframe> tag
(a) Src   (b) Name   (c) Srcdoc   (d) loop
(e) href   (f) width

6] Black Hat Strategies include
(a) duplicate content   (b) relevant content
(c) invisible text   (d) stuffed keywords

7] White Hat Strategies include
(a) duplicate content
 (b) relevant content
(c) well-labeled images
(d) relevant links

8] Other factors to rank the website higher are
(a) Desktop friendly   (b) Speed of website
(c) Mobile friendly   (d) creating robots.txt

9] Select three correct properties of Window Object ..•... , .
(a) close   (b) name   (c) print   (d) status
(e) open   (f) closed

10] Methods of Window Object are .
(a) Name   (b) blur()   (c) location
(e) closed   (f) setTimeOutO

11] Select three correct event handlers in JavaScript .
(a) close   (b) open   (c) onsubmit   (d)onchange
(e) onunload   (f) write

12] Advantages of IoT are _
(a) Time saving   (b) Enhance data collection
(c) Improve security   (d) privacy

13] Example of SaaS are ___ ___
(a) Amazon Web Services   (b) Microsoft Azure VM
(c) Google Compute Engine   (d) Google's G Suit

14] Types of Cloud are __
(a) **Public Cloud**   (b) **Private Cloud**
(c) **Personal Cloud**   (d) **Hybrid Cloud**

15] PHP is compatible with following servers.
(a) **XAMMP**   (b) **Linux**   (c) **Apache**
(d) **Unix**   (e) **Lightpad**   (f) **Word**

16] Features of PHP are .
(a) **Difficult**   (b) **Simple**   (c) **Error Creating**
(d) **Platform Independent**   (e) **Error Reporting**
(f) **Platform Dependent**

17] The scope of variable in PHP are .
(a) **Local**   (b) **Regional**   (c) **National**   (d) **Global**
(e) **Static**   (f) **International**

18] Following are the Modes of Payment .
(a) **Presale**   (b) **Execution**
(c) **Settlement**   (d) **Mobile payments**
(e) **Bank transfer**   (f) **E-wallets**

19] Social Commerce is the use of networking websites such as ,
.... and _____as vehicles to promote and sell products and services.
(a) **Facebook (b) Instagram (c) Twitter (d) Gmail**
(e) **Google Docs (f) Google pay**

20] Advantages of E-Governance are **.**
(a) **Increased convenience**
 (b) **No transparency**
(c) **Reduction in overall cost**
(d) **Increase in cost**
(e) **Expanded reach of government (f) More corruption**

Q 6] Match The Following

1]

A	B
(1) <input type = "color">	(a) Defines image as submit button
(2) <input type = "number">	(b) Define the color picker
(3) <input type = "urI">	(c) Defines a field for entering URL
(4) <input type = "image">	(d) Defines a field for entering number

2]

A	B
(1) <input type = "date">	(a) Defines month and year control
(2) <input type = "email">	(b) Defines a range control
(3) <input type = "month">	(c) Defines field for email address
(4) <input type = "range">	(d) Defines a date picker

3]

A	B
(1) Length	(a) Returns the character at the specified position
(2) chartAt()	(b) Returns the index of last occurrence of specified character in given story
(3) indexOf()	(c) Returns the characters you specified
(4) lastIndexOf()	(d) Returns the index of the first occurrence of th character
(5) substr()	(e) Returns a number of character in a string

4]

A	B
1. Public Cloud	(a) Software as a Service
2. IaaS	(b) Shared across multiple users -
3. SaaS	(c) Infrastructure as a Service.
4. PaaS	(d) All data is protected behind the firewall
5. Hybrid Cloud	(e) Platform as a service

6. Private Cloud   **(f) Allows greater flexibility**

5]
A	B
(1) Traditional Commerce	**(a) Scope is Global**
(2) E-Commerce	**(b) Sells products to an intermediate buyer**
(3) B2C	**(c) Helps consumer to sell their assets by Publishing information 0n website**
(4) B2B	**(d) Scope is local**
(5) C2C	**(e) Consumers have products or services of value that can be consumed by business**
(6) C2B	**(f) Sells products directly to a customer**

7 A]

1] Design a web page that should accept Personal Details of the user i.e. name of the user along with date and time values. The Page must contain submit button.

 2] Write a program using html with following CSS specifications:-
(a) To create a form that should accept name, number of present students (compulsory), time and file to upload from the user
(b) Create submit button to send the data ..
(c) The heading of the form should have border with blank spaces around the Contents

4] Write Html5 code with CSS AS follows:
1. To create form to accept name, age, email address, from the user.
2. Create a submit button to send the data .:
3. The heading of the form should have a background color and a different font style.

5] write html program to display "e-commerce" having arial font using inline css. Add an ordered list having any two advantages of it.
1] write a html program to display "cyber world" having arial font and background

color cyan , add any two advantage having red color of the text.

6] Design a web page that should accept name of the user , email id, no. Of years completed in office, office phone number(compulsory) , image with submit button.

7] write a html program to create an ordered list having names of two friends . add unordered list of their hobbies under each names as shown below:
1 anil
- Dancing
- Reading
2 ajay
- Swimming
- Sketching

8] write a html program to create an ordered list of 2 language used for speaking and unordered list having 3 computer language.

9]] write a html program to create a form to accept students roll no.(in no. Format), unit test marks (max. 30 marks), terminal exam marks (max. 80 marks), include the name of the subject teacher and send data to the server.

10] write a html program to create a list of 5 flowers in ordered list and list of 5 fruits in unordered list.

Q 7 B]
1] Write event driven program to take number as input and find its square root and cube root of that number.

2] Write a program in JavaScript, to display addition, multiplication, division of two number which were accepted from user.

3] Display number sequence from 100 to 150 in following format.
(100, 101, 102_____ 150)

4]. Find and display factorial of given number

5] write an event driven javascript program to display cube of the accepted number when the mouse is moved over a button.

6] write an event driven javascript program to display area of circle. Accept redius from the user.(area=3.14)

7] write an event driven javascript program to display area of triangle. Accept base and height from the user.(area=1/2 *b*h)

8] write an event driven javascript program to open a new window with skyblue background color

9] write an event driven javascript program to display accepted number is even or odd.