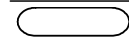


Question No: 1 (Marks: 1) - Please choose one



It represents the _____ flow chart element.

- ▶ Flow Line
- ▶ Connector
- ▶ Off-page connector
- ▶ Start or Stop

Question No: 2 (Marks: 1) - Please choose one

What is NOT a key factor while designing a website?

- ▶ Usability
- ▶ User-friendly
- ▶ Consistency
- ▶ Complexity

Question No: 3 (Marks: 1) - Please choose one

_____ % of the users have left websites in frustration due to poor navigation.

- ▶ 40
- ▶ 62
- ▶ 83
- ▶ 91

Question No: 4 (Marks: 1) - Please choose one

In JavaScript, a variable declaration is

- ▶ Optional
- ▶ Mandatory
- ▶ Not allowed
- ▶ None of the given

Question No: 5 (Marks: 1) - Please choose one

A protocol used for receiving email messages is called _____.

- ▶ URL
- ▶ Telnet
- ▶ POP3
- ▶ SMTP

Question No: 6 (Marks: 1) - Please choose one

Which is correct?

- ▶ onUnload

- ▶ onUnLoad
- ▶ onUNLOAD
- ▶ All of the above

Question No: 7 (Marks: 1) - Please choose one

Serial arrangement in which things follow logical order or a recurrent pattern, such as statements executing one by one, is called _____.

- ▶ Loop
- ▶ Sequence
- ▶ Condition
- ▶ Array

Question No: 8 (Marks: 1) - Please choose one

Variables allow us to manipulate data through the _____.

- ▶ Actual Value
- ▶ Reference
- ▶ Length
- ▶ Name

Question No: 9 (Marks: 1) - Please choose one

Fuzzy logic is based on _____.

- ▶ Ground facts
- ▶ Experience
- ▶ Practice
- ▶ Approximation

Question No: 10 (Marks: 1) - Please choose one

Word Processor is a _____

- ▶ System Software
- ▶ Application Software
- ▶ Device
- ▶ Utility

Question No: 11 (Marks: 1) - Please choose one

In the old days, databases did NOT support _____.

- ▶ Number
- ▶ Boolean
- ▶ Video
- ▶ Text

Question No: 12 (Marks: 1) - Please choose one

In tabular storage, fields placed in a particular row are strongly _____.

- ▶ Independent
- ▶ Dependent
- ▶ Interrelated
- ▶ Inconsistent

Question No: 13 (Marks: 1) - Please choose one

Due to working at home, lack of interaction may result in _____ professional growth.

- ▶ Slower
- ▶ Faster
- ▶ Higher
- ▶ Improved

Question No: 14 (Marks: 1) - Please choose one

Distance learning has got a boost due to the _____.

- ▶ Easy communication
- ▶ Online interactive contents
- ▶ Flexibility
- ▶ All of the given options

Question No: 15 (Marks: 1) - Please choose one

_____ technique can be used to create smooth animations or to display one of several images based on the requirement.

- ▶ Image downloading
- ▶ Image preloading
- ▶ Image uploading
- ▶ Image postloading

Question No: 16 (Marks: 1) - Please choose one

The _____ is becoming the preferred organizational structure for more and more organizations with the passage of time.

- ▶ Tree structured organizational model
- ▶ Network paradigm
- ▶ Hierarchical structure
- ▶ None of the given options

Question No: 17 (Marks: 1) - Please choose one

The group of technologies concerned with the capturing, processing and transmission of information in the digital electronic form is called _____.

- ▶ Telecom Engineering
- ▶ Computer Engineering
- ▶ Computer Science
- ▶ Information Technology

Question No: 18 (Marks: 1) - Please choose one

A large number of networks interconnected physically is called _____

- ▶ LAN
- ▶ MAN
- ▶ Internet
- ▶ Network collection

Question No: 19 (Marks: 1) - Please choose one

TCP stands for _____.

- ▶ Transfer Center protocol
- ▶ Transmission Control Protocol
- ▶ Transmission Center Protocol
- ▶ Telephone Center Protocol

Question No: 20 (Marks: 1) - Please choose one

A collection of data organized in such a way that the computer can quickly search for a desired data item is known as :

- ▶ Retrieving
- ▶ Database
- ▶ Information
- ▶ DBMS

Question No: 21 (Marks: 1) - Please choose one

_____ is simply a fast port that lets you connect computer peripherals and consumer electronics to your computer without restart.

- ▶ Freeware
- ▶ Shareware
- ▶ Firewire
- ▶ Firmware

Question No: 22 (Marks: 1) - Please choose one

Structures, in which another list starts before the first list is finished, are called:

- ▶ Multiple Lists
- ▶ Nested Lists
- ▶ Ordered Lists
- ▶ Un-ordered Lists

Question No: 23 (Marks: 1) - Please choose one

The key property of the 'Array' object in JavaScript is

- ▶ Value
- ▶ **Length**
- ▶ Name
- ▶ All of the given choices

Question No: 24 (Marks: 1) - Please choose one

Which one is the example of spreadsheet software ?

- ▶ MS Word
- ▶ MS PowerPoint
- ▶ **MS Excel**
- ▶ MS Access

Question No: 25 (Marks: 1) - Please choose one

The Encryption of data is related to

- ▶ Data updates
- ▶ **Data security**
- ▶ Data integrity
- ▶ Data accessibility

Question No: 26 (Marks: 1) - Please choose one

_____ is the process of analyzing large databases to identify patterns.

- ▶ Data normalization
- ▶ Data management
- ▶ **Data Mining**
- ▶ None of the given options

Question No: 27 (Marks: 1) - Please choose one

Which is the user-friendly way of presenting data ?

- ▶ Query
- ▶ Form
- ▶ **Report**
- ▶ All of the given options

Question No: 28 (Marks: 1) - Please choose one

JavaScript function fixed() has equivalent HTML tag-set ____

- ▶ <.FIX>.....</FIX>
- ▶ <F>.....</F>
- ▶ **<PRE>.....</PRE>**
- ▶ <H>.....</H>

Question No: 29 (Marks: 1) - Please choose one

<form> Tags always placed between the <BODY> and </BODY> tags of a Web page

- ▶ **True**
- ▶ False

Question No: 30 (Marks: 1) - Please choose one

Java script has ----- ability to create and draw graphics.

- ▶ Limited
- ▶ Versatile
- ▶ Medium
- ▶ Not at all

Question No: 31 (Marks: 1)

What does TCP/IP stand for?

Transmission Control Protocol/Internet Protocol

Question No: 32 (Marks: 1)

Why there is a need to use primary key in database ?
it is used to uniquely identify the records in the database.

Question No: 33 (Marks: 2)

What is image processing ?

It field of computer where we enhance and manipulate the graphics.

Like it is used to recover old photograph and by processing we can revive them like original form.

Question No: 34 (Marks: 2)

Define testing with respect to programming..

Testing is the process by which we try to determine the presence defects in a program.

Question No: 35 (Marks: 3)

How can we define a computer screen?

Use to display output of computer to the user. Computer screen is consists of pixels.

Question No: 36 (Marks: 3)

What is difference between Design and System Architecture?

System Architecture It is structure of a product or process

Design: It is start of the process of developing structure of system or product or we can its basic planning of making a system or product.

Question No: 37 (Marks: 3)

Write JavaScript code to convert the number 236.2363611111556 into currency format and JavaScript statement to show output.

```
Var input_amt = 236.2363611111556 ;  
mid_data = input_amt.toString( ) ;  
decimalPos = mid_data.indexOf( ".", 0 ) ;  
final_amt = mid_data.substring( 0, decimalPos + 3 ) ;  
document.write( final_amt + " Rs." ) ;
```

Question No: 38 (Marks: 5)

Show output of the following code:

```
for (i=0; i<=10; i++)  
{  
document.write("The number is " + i);  
document.write("<br />");  
}
```

The number is 0
The number is 1
The number is 2
The number is 3
The number is 4
The number is 5
The number is 6
The number is 7
The number is 8
The number is 9
The number is 10

Question No: 39 (Marks: 5)

What is a Relational Database? Give the names of any three RDBMS software. (2+3)
Database consist of two or more then two tables are called Relational database.

Oracle dabatbase
Sql Server
Access

Question No: 40 (Marks: 10)

Define the following terms.

Object

They are foundation of object oriented language. They are data structure contains data fields and properties and methods

- └
- └ Event Handler
- └ An event handler is a command which is used to call a function when an event happens, such as the user clicking a button or mouse.
- └
- └ Local Variable
- └ Declaring variables within a function, makes them local. They are available only within that function and hold no meaning outside of it
- └
- └ Scope of Variable
- └ Space in which a variable is effective is known as the scope of a variable. In other words we can say area where that variable is available for the use
- └ Array

Indexed collections of variable of same data types or we can say a Set of organized variables of same type.

└

Question No: 41 (Marks: 10)

What is the problem with Relational Database and what solution you can suggest for it?

When we store object oriented data into RDBMS it need to translate in to other form which is readable to that RDBMS. While we need that data back or we needed to get data from that stored data. Again it required to be translate back into readable form.

This dual processing process reduce the speed of reading back the data.

It required large knowledge base to implement.

Its implementation in small business it bit complex due to its complexity.