Question No: 1  (Marks: 1) - Please choose one
A diode functions as the electronic version of a __________-way valve.
► one
► two
► three
► four

Question No: 2  (Marks: 1) - Please choose one
What is name of book from which word algorithm is taken ?
► Algebra and trigonometry
► Introduction to algorithms
► Research for new horizons
► Algoritmi de numero Indorum

Question No: 3  (Marks: 1) - Please choose one
<form> Tags  always placed between the <BODY> and </BODY> tags of a Web page
► True
► False

Question No: 4  (Marks: 1) - Please choose one
_________ consists of cells arranged in rows & columns
► Spreadsheets Software
► Word processor
► Presentation Software
► Microsoft Paint Software
Question No: 5 (Marks: 1) - Please choose one
_____ was designed as a replacement for typewriter
► Spreadsheet Software
► Word Processor Software
► Presentation Software
► Database Software

Question No: 6 (Marks: 1) - Please choose one
_________ manages the HW and SW resources (memory, disk drives etc) of the computer system, often invisibly.
► Explorer.exe
► System Files
► Operating System
► Application Software

Question No: 7 (Marks: 1) - Please choose one
To display a radio button on the web page, we use ___ tag
► INPUTBUTTON
► INPUT
► RADIOBUTTON
► RADIO

Question No: 8 (Marks: 1) - Please choose one
Machine language is also called
► Assembly Language
► Binary Language
► High Level Language
► HTML Language

Question No: 9 (Marks: 1) - Please choose one
When the user needs something to be done by the computer, he/she gives instructions in the form of _____ to computer _____
► Software, Hardware
► Hardware, Software
► System Software, Application Software
► Graph, Monitor

Question No: 10 (Marks: 1) - Please choose one
A truth table defines the ________ of a logic function for all possible ________
► Input -- Outputs
► Output -- Inputs
► Process -- Inputs
► Input -- Processes

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Question No: 11  (Marks: 1) - Please choose one
Which one is correct?
► <BODY></BODY>
► <body></body>
► Both <BODY></BODY> and <body></body>
► <BODY/>

Question No: 12  (Marks: 1) - Please choose one
WWW stands for:
► Wide World Web
► World Wide Web
► World White Web
► World Web Wide

Question No: 13  (Marks: 1) - Please choose one
A _________ translates a high-level language (that is easy to understand for humans) into a language that the computer can understand
► Computer
► Transistor
► Compiler
► Device

Question No: 14  (Marks: 1) - Please choose one
Deep Blue was the name of
► computer
► human
► city
► game

Question No: 15  (Marks: 1) - Please choose one
Data travels through bus in the form of ---------------------------
► Packets
► Bits
► Bytes
► Word

Question No: 16  (Marks: 1) - Please choose one
Command which saves the selected text before deleting is
► Copy
► Delete
► Cut
► Undo

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Question No: 17  (Marks: 1)  - Please choose one
AutoCAD falls in the category of ________________

► Engineering Applications
► Graphics Applications
► Scientific Applications
► Business Applications

Question No: 18  (Marks: 1)  - Please choose one
In Spreadsheets, you can create a relationship between two cells by using _____.

► Numbers
► Text
► Formulas
► None of the given choices

Question No: 19  (Marks: 1)  - Please choose one
Which of the following symbol is used for multiple line comments in JavaScript?

► /
► / *
► //
► // *

Question No: 20  (Marks: 1)  - Please choose one
______________ is a system software that converts the source code written in high level language into machine language code.

► Utilities
► Drivers
► Language Translator
► None of these

Question No: 21  (Marks: 1)  - Please choose one
______________ is a particularly good language for processing numerical data, but it does not lend itself very well to large business programs

► BASIC
► PASCAL
► JAVA
► FORTRAN
Question No: 22 (Marks: 1) - Please choose one
Which of the following number system is used by microprocessor?

- Binary
- Decimal
- Octal
- Hexadecimal

Question No: 23 (Marks: 1) - Please choose one
The _______ Processor is specially designed for PDA?

- PowerPC
- StrongARM
- Crusoe
- SPARC

Question No: 24 (Marks: 1) - Please choose one
Mainframe Computers are also called _____

- Enterprise Servers
- Personal Servers
- Enterprise Managers
- Window Servers

Question No: 25 (Marks: 1) - Please choose one
URL is a/an ________

- Device
- Component
- Address
- Tool

Question No: 26 (Marks: 1) - Please choose one
Ada, Countess of Lovelace developed first:

- Computer
- Website
- Computer Program
- Analytical engine

Question No: 27 (Marks: 1)
What is the problem with Brute Force Strategy approach

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Question No: 1  ( Marks: 1 )  - Please choose one
Human are better than computers at:
- Efficiency
- Accuracy
- Pattern recognition
- None of the given choices

Question No: 2  ( Marks: 1 )  - Please choose one
Cray-1 was first commercial ________ computer
- Super
- Mini
- Micro
- Personal

Question No: 3  ( Marks: 1 )  - Please choose one
URL is a/an ________
- Device
- Component
- Address
- Tool
Question No: 4  (Marks: 1) - Please choose one

Mainframe Computers are also called _____

► Enterprise Servers
► Personal Servers
► Enterprise Managers
► Window Servers

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

Which of the following is NOT a category of Mobile Computers?

► Laptop
► Palmtop
► Desktop
► Wearable

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

Preliminary exploration of possible solutions, technologies, suppliers is called

► Viability
► Feasibility
► Specification
► Integration

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

__________ give us the ability to manipulate data through reference instead of actual value.

► Constants
► Variables
► Data Types
► Operators

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

Consider the following statement written in JavaScript:

\[ \text{str} = "\text{Hello} + " \text{ World}" \]

What will be the value of \( \text{str} \)?

► HelloWorld
► Hello World
► Hello + World
► It will result in error

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

A tool that helps you to find the synonyms is called ____________.

► Language
► Paragraph
► Thesaurus
► Symbol

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

Communication protocol is a ___________ that governs the flow of information over a network

► Set of protocols
► Set of rules
► Device
► Set of methods

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

If a computer could pass the Turing test then it would be able to:

► think like human beings
► do the things faster
► win a million dollar prize
► store more information

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

The first Web browser with a GUI was generally available in:

► 1992
► 1993
► 1994
► 1995

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

Web is a unique invention by humans in terms that it is:

► accessible to only the owners who control it
► accessible from particular locations only
► accessible to all humans
► accessible to only the educational institutes

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

In this URL http://www.msn.com, _____ identifies the domain name

► http
► www
► msn
► com

Question No: 15  (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: 16  (Marks: 1) - Please choose one

Which of the following is NOT supported by PC's power supply.

► -12 and +12 V DC
► -10 and +10 V DC
► -5 and +5 V DC
► All are supported

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

In which case Cache Memory is used

► To increase RAM speed
► To overcome BUS speed
► To overcome Speed rate between RAM and CPU
► To overcome CPU speed

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

To display a single line text area on the web page, we use ___ tag

► TEXT
► TEXTBOX
► INPUT
► INPUTBOX
Question No: 19  ( Marks: 1 )  - Please choose one

If an algorithm is syntactically correct, but semantically incorrect then this situation is

► Very good situation
► Very dangerous situation
► Not very bad
► Neutral situation

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

Users communicate with the computer using a consistent user interface provided by the OS.

► True
► False

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

Application developers do not need to know much about the HW, especially the microProcessor, while they are developing their application.

► True
► False

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

The first spread sheet program was invented by

► Charles Babbage
► Dan Bricklin
► Paul Graham
► John von Neumann

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

Which representation technique of algorithm is more suitable for developer to make actual code___________.

► pseudo code
► flow chart
► both pseudo code and flow chart
► Heuristics

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

______________ is used to terminate all JavaScript statements.

► Colon
► Semicolon
► Underscore
► Apostrophe

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

In java script cookies can be created for future use_____.

► Easily
► No facility at all
► This is not possible without Java language.
► Cookies are files so java script can not handle it.
Question No: 26  ( Marks: 1 ) - Please choose one

When the microprocessor desires to look at a piece of data, it checks in the __________ first.

- RAM
- ROM
- hard disk
- cache

Question No: 27  ( Marks: 1 )

What is the basic difference between 'magnetic tapes' and 'floppy disks'?

Question No: 28  ( Marks: 1 )

What was the name of first microprocessor built by Intel?

Question No: 29  ( Marks: 2 )

What was the name of first super computer. When it was introduced?

Question No: 30  ( Marks: 3 )

Write a short note on blue pacific Super Computer.

Question No: 31  ( Marks: 5 )

What are JavaScript literal and what are its types?

Question No: 32  ( Marks: 5 )

Can you say that URL and semantic web sites are same? Justify your answer by defining the both terms?

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Fall_2009_MIDTerm_CS101_s3_solved

MIDTERM EXAMINATION

Fall 2009
CS101- Introduction to Computing (Session - 3)

Time: 60 min
Marks: 43

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

Vacuum tubes were replaced by _transistors__

► Punch cards
► Transistors
► Micro Processors
► Resistors

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

Today's computers are based on the technology of ___transistors___

► Punch cards
► Vacuum tubes
► Transistors
► Resistors

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

Browser is a _______none of the given choices_______ used for browsing.

► Tool
► Component
► Device
► None of the given choices

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

It represents the ______input or output_________ flow chart element.

► Process
► Input or Output
► Decision
► Connector

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

Which of the following number system is used by microprocessor? Binary

► Binary
► Decimal
► Octal
► Hexadecimal
Question No: 6 (Marks: 1) - Please choose one

Hexadecimal number system is based on ---------16---------- digits

► 2
► 8
► 12
► 16

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

Java script interact with user through______Event handlers________

► Special control
► Internet explorer
► Event handlers
► Java script does not interact with user

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

Programs that are typically started from a shell (or automatically via a scheduler) are called **Batch programs**

► Batch programs
► Event-driven programs
► Sequential programs
► Application programs

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

A new cell using HTML is added in table row by <TD>..</TD>

► <TC>…</TC>

► <TR>…</TR>

► <TD>…</TD>

► <NC>…</NC>

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

Waterfall is a __sequential________ life-cycle model.

► Spiral

► Sequential

► Circular

► Spherical

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

What will be the result of the following formula in Spreadsheet application?

SUM(A2:A3) = ________100__ (Assume that A2 = 25 A3 = 75)

► 25

► 50

► 75

► 100
Question No: 12 (Marks: 1) - Please choose one

A ______ multi user _______ operating system allows many users to take advantage of the computer's resources, simultaneously

► Single user
► Multi- user
► Single tasking
► Multi tasking

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

When we use <INPUT type="password">, what will happen? **Text will be in **** format**

► Text will not be visible
► Text will be in normal format
► **Text will be in **** format**
► Text will be in #### format

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

The world first computer program was written to compute: bernoulli’s sequence

► Simple sequence
► Multiple sequence
► **Bernoulli’s sequence**
► Increasing sequence

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

The first Web browser with a GUI was generally available in: 1993

► 1992
► 1993
► 1994
► 1995

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

ASCII WHITE is the fastest Super computer which can perform __1.3 trillion________ calculations in one second.

► 1.3 billion
► 1.3 trillion
► 1.3 million
► 1.3 thousand

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

Monitor is an example of: output device

► Input Device
► Processing Device
► Output Device
► Storage Device
Question No: 18  (Marks: 1)  - Please choose one

Forms can be submitted through _____get__ & __post_____ methods

► INCLUDE, POST
► INCLUDE, GET
► GET, POST
► SEND, POST

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

_____kernel______ is responsible for all the essential operations like basic house keeping, task scheduling, etc. Also contains low-level HW interfaces

► Hardware
► Device Manager
► Kernel
► Device Driver

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

Which of the following is NOT an Application Software. Windows XP

► Word Processor
► Web Browser
► Windows XP
► MS Excel
Question No: 21  ( Marks: 1 ) - Please choose one

Bit-mapped graphics is also known as _____raster___ graphics

► Vector
► Raster
► Scalar
► Simple

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

A set of stand alone productivity applications designed to work together known as ___Productivity software suites__________.

► Productivity software suites
► Compiled software
► Secure software
► Intelligent software

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

_____semicolon_______ is used to terminate all JavaScript statements.

► Colon
► Semicolon
► Underscore
► Apostrophe
Question No: 24  (Marks: 1) - Please choose one

By today's standards, the Mark-I was slow and requiring 3 to 5 seconds for a multiplication operation. True

► True
► False

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

There are_____NO Standard___________ rules to write the Pseudo Code.

► Standard
► No standard
► Pre-defined
► Strict

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

In flow charts, there is only one entry point in conditions while there is/are_____2_____ exit points.

► 1
► 2
► 3
► 4
Question No: 27  ( Marks: 1 )

Define URL

**URL (Uniform resource locator)**

URL (Uniform Resource Locator, previously Universal Resource Locator) - is the address of a file (resource) accessible on the Internet. The type of file or resource depends on the Internet application protocol.

Examples of URLs:  
- http://vu.edu.pk
- http://www.yahoo.com

Question No: 28  ( Marks: 1 )

What is Randomized Algorithm?

**Randomized Algorithm:**

Any algorithm whose behavior is not only determined by the input, but also values produced by a random number generator.

These algorithms are often simpler and more efficient than deterministic algorithms for the same problem. And because of there simplicity they are easier to analyze which is the most important thing in the decision making of an algorithm.

Question No: 29  ( Marks: 2 )

**What was the name of first super computer. When it was introduced?**

CRAY1 is the first computer and it was introduced in 1973

Question No: 30  ( Marks: 3 )

How a designer makes Structured Design?

**Structured Design** is known as a Top-down design.

The designed first conceives about the High level design and then further designs the details of the high level design components and it goes on and on.
Making small changes in the functionality of the systems sometimes leads to major re-design exercise. Structured design separates the functionality from programs data and that’s why programs designed by this methodology are difficult to maintain.

**Question No: 31  ( Marks: 5 )**

Why microprocessor uses the binary number system and not the decimal or any other number system?

The processor is the logic of a computer and functions comparably to a human central nervous system, directing signals from one component to another and enabling everything to happen. A microprocessor is made from miniaturized transistors and other circuit elements on a single semiconductor integrated circuit (IC). These are made up of semiconductor and silicon.

Microprocessor are composed of components which has only two states either 0 or 1. Binary number system is also composed of these two states.

Microprocessor till today only understand the machine language and machine language is only based on binary number system. Even today’s 64 bit microprocessors are also based on this technology.

**Question No: 32  ( Marks: 5 )**

Why do we need an Interactive Form in a webpage?

1. Interactive forms are used to gather user data and interact with the user.
2. Forms can be made interactive with the use of client side scripting and server side scripting.
3. In HTML, `<FORM> </FORM>` tag is used to insert the form in a web page and it always lie in `<BODY></BODY>` html tag.
4. without form’s web site is only “READ ONLY”.
5. with the help of forms a user and can search the contents, place order for goods and services.
6. Forms can be simple or very complex, based on the requirement.
7. forms can contain a single element or many e.g text area, buttons
Fall2009_MIDTerm_CS101_s4_solved

MIDTERM EXAMINATION
Fall 2009
CS101- Introduction to Computing (Session - 4)

Time: 60 min
Marks: 43

Question No: 1 (Marks: 1) - Please choose one
Human are better than computers at:
► Pattern recognition
  ► Efficiency
  ► Accuracy
  ► Pattern recognition
  ► None of the given choices

Question No: 2 (Marks: 1) - Please choose one
The memory size of the Altair 8800 was:
► 256 bytes
► 128 bytes
► 256 Kilo bytes
► 256 Kilo bytes
► 256 bytes

Question No: 3 (Marks: 1) - Please choose one
Information on World Wide Web is:
► Logically ____________ unified.
  ► Physically
  ► Logically
  ► Really
  ► None of the given choices

Question No: 4 (Marks: 1) - Please choose one
Mainframe Computers are also called:
► Enterprise Servers
► Personal Servers
► Enterprise Managers
► Window Servers

Question No: 5 (Marks: 1) - Please choose one
Which of the following is NOT a category of Mobile Computers?
► Desktop
  ► Laptop
  ► Palmtop
  ► Desktop

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Question No: 6  (Marks: 1) - Please choose one
Hexadecimal number system is based on ______ 16 ________ digits
► 2
► 8
► 12
► 16

Question No: 7  (Marks: 1) - Please choose one
<UL> tag is used to  ► create unordered list
► underline text
► end the line
► create ordered list
► create unordered list

Question No: 8  (Marks: 1) - Please choose one
Bringing subsystems together to form the system is called  ► Merging
► Integration
► Merging
► Splitting
► Operation & Maintenance

Question No: 9  (Marks: 1) - Please choose one
► Variables
________ give us the ability to manipulate data through reference instead of actual value.
► Constants
► Variables
► Data Types
► Operators

Question No: 10  (Marks: 1) - Please choose one
In spreadsheets, cell address A12 means  ► Row 12, Column A
______.
► Row A, Column 12
► Row 12, Column A
► Row 2, Column A1
► Row A1, Column 2
Question No: 11 (Marks: 1) - Please choose one
Which of the following is/are the parts of Operating system components?
► All of these
  ► GUI
  ► Device Manager
  ► Shell
  ► All of these

Question No: 12 (Marks: 1) - Please choose one
The key feature of Scientific/Engineering/Graphics applications is
__________
  ► Reliability
  ► Intense calculations
  ► User-friendly
  ► Reliability
  ► Cost-effective

Question No: 13 (Marks: 1) - Please choose one
Command which saves the selected text before deleting is
► Cut
  ► Copy
  ► Delete
  ► Cut
  ► Undo

Question No: 14 (Marks: 1) - Please choose one
All the hardware components of the Computer system are installed on--
► Motherboard
  ► Microprocessor
  ► Motherboard
  ► Monitor
  ► Memory

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Question No: 15  (Marks: 1)  - Please choose one
By default in a web page Hyper Link for another web page is represented as
_ Blue and Underlined ________________

► Blue only
► Black and Underlined
► Blue and Bold
► Blue and Underlined ►

Question No: 16  (Marks: 1)  - Please choose one
A microprocessor can be made more powerful by increasing its _► Clock frequency ______

► Clock frequency
► Word length
► Clock frequency and Word length
► None of above

Question No: 17  (Marks: 1)  - Please choose one
► Website ____________ is a related collection of WWW files that includes a beginning file called
a homepage
► HTML
► Website
► HTTP
► Web page

Question No: 18  (Marks: 1)  - Please choose one
Structures, in which another list starts before the first list is finished, are called: ► Nested Lists
► Multiple Lists
► Nested Lists
► Ordered Lists
► Un-ordered Lists

Question No: 19  (Marks: 1)  - Please choose one
When the user needs something to be done by the computer, he/she gives instructions in the form of _Software_____ to computerHardware _____

► Software, Hardware
► Hardware, Software
► System Software, Application Software
► Graph, Monitor
Question No: 20  (Marks: 1) - Please choose one
Application developers do not need to know much about the _Hardware_ while they are developing their applications
- Software
- Hardware
- Operating System
- Kernel

Question No: 21  (Marks: 1) - Please choose one
Which of the following is NOT an Application Software. _Windows XP_
- Word Processor
- Web Browser
- _Windows XP_
- MS Excel

Question No: 22  (Marks: 1) - Please choose one
Web Pages developed for human as well computer understanding are called as; _Dynamic Web Pages_
- Static Web Pages
- Semantic Web Pages
- _Dynamic Web Pages_
- Java Web Pages

Question No: 23  (Marks: 1) - Please choose one
JavaScript stores all numbers as _Strings_.
- _Integers_
- Floating point numbers
- _Strings_
- Character values
Question No: 24  ( Marks: 1 )  - Please choose one
Java script and HTML are___► Java script is case sensitive but HTML is not ________.
  ► case sensitive
  ► Not case sensitive
  ► Java script is case sensitive but HTML is not
  ► HTML is case sensitive but Java script is not

Question No: 25  ( Marks: 1 )  - Please choose one
A diode functions as the electronic version of a _two________-way valve.
  ► one
  ► two
  ► three
  ► four

Question No: 26  ( Marks: 1 )  - Please choose one
The first -► Transistor __________was invented at Bell Laboratories on December 16, 1947 by William Shockley.
  ► Transistor
  ► Vacuum Tube
  ► Punch card
  ► Transmitter

Question No: 27  ( Marks: 1 )
What are compilers used for ?
Ans: compiler is a softwear that can translate the whole programe in once.it also save the program.

Question No: 28  ( Marks: 1 )
What is Script?
Ans: script is a sequence of steps to carry out a work by processor And manage by a language like Javascript and vb scripts.

Question No: 29  ( Marks: 2 )
What is <P> tag in HTML and How it is different from <br> tag?

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Ans: `<p>` is used for paragraph in HTML language it has a closing tag `</p>` unlike `<br>` which has no closing tag. Br only used to break the current line while `<p>` can be used for more lines.

**Question No: 30  ( Marks: 3 )**
How can you manipulate the address of a file (resource) accessible on the Internet?
World wide web ,URL, domain name
www.youtube.com

**Question No: 31  ( Marks: 5 )**
Write Hyper Link for a Web Page and for an Email Address.

**Ans: Following are the Hyper link for a web page**

www.vu.edu.pk
www.yahoo.com
www.hotmail.com

following are the hyperlinks for Email address
rashidumer50@yahoo.com
rashidumer50@hotmail.c

**Question No: 32  ( Marks: 5 )**
Write down the requirement of Desktop Publishing?
User requirement

Softwear requirements
  . Laser printer
  . Scanner
  DESktop publishing softwears
  e.g
  . adobe page maker
  . Ms publisher
  . High end pc with a large screen monitor
  . Formate
  . Numerical data
  . Text
  . Phograph
  . Charts
Question No: 1  (Marks: 1) - Please choose one

Cray-1 was first commercial _______ computer

► Super
► Mini
► Micro
► Personal

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

Browser is a _________________ used for browsing.

► Tool
► Component
► Device
► None of the given choices
Question No: 3 (Marks: 1) - Please choose one

It represents the _____________ flow chart element.

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

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

JavaScript is an example of _____________ language.

► Object-based
► Object-oriented
► Machine
► Assembly

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

The set of rules and guidelines a team of developers follow to construct reasonably complex SW systems is called

► Object Oriented Design
► Object Oriented Software
► Design Methodology
► Programming language

http://vustudents.ning.com
Question No: 6  (Marks: 1) - Please choose one

Waterfall is a _________ life-cycle model.

► Spiral
► Sequential
► Circular
► Spherical

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

What happens if I start a new list without closing the original one?

► An error will be generated
► A nested list will be created
► Previous list will end and a new will start.
► Nothing will happen

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

In Spreadsheets, you can create a relationship between two cells by using _____.

► Numbers
► Text
► Formulas
► None of the given choices
Question No: 9  (Marks: 1) - Please choose one

VisiCalc was the first popular ______ application on PC's.

- Spreadsheet
- Word processor
- Presentation
- Database

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

Fins are used to --------------

- Communicate with microprocessor
- Increase surface area of Fan
- Decrease surface area of Fan
- Speed up the Fan.

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

Using only HTML we can create

- Dynamic web pages
- Static web pages
- Both Static and Dynamic pages
- None of these
Question No: 12  ( Marks: 1 )  - Please choose one

Everything that JavaScript manipulates is treated as:

► Object
► Window
► Text
► Script

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

The _______ is connected to all other modules of the microprocessor.

► Control unit
► Memory unit
► Floating Point unit
► Arithmetic and Logic unit

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

Communication protocol is a ___________ that governs the flow of information over a network

► Set of protocols
► Set of rules
► Device
► Set of methods
Question No: 15 (Marks: 1) - Please choose one

_________ is the interface in computer that supports transmission of multiple bits at the same time.

► Serial Port
► Parallel Port
► Universal Serial Bus
► None of the given choices

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

_____ was designed as a replacement for typewriter

► Spreadsheet Software
► Word Processor Software
► Presentation Software
► Database Software

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

Which one of these translates the program once at a time?

► Interpreter
► Compiler
► Operating system
► Translator
Question No: 18  ( Marks: 1 )  - Please choose one

Randomized algorithms are often ________ than deterministic algorithms for the same problem.

► Simpler and more slow

► Simpler and more efficient

► Complex and more efficient

► Complex and more slow

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

Ada written a computer programme for ?

► Analytical Engine

► Difference Engine

► Harvard Mark 1

► Mechanical engine

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

A test proposed to determine if a computer has the ability to think. It is called?

► Turing test

► Turning test

► Intelligence test

► None
Question No: 21  ( Marks: 1 )  - Please choose one

The most used form tag is the <input> tag.

► True
► False

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

When the user clicks on the "Submit" button, the content of the form is sent to the server.

► True
► False

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

Extension for saving web page is / are;

► *.html
► *.htm
► *.html and *.htm both are in use
► None of These
Question No: 24  ( Marks: 1 )  - Please choose one

In spread sheet a cell may contain

► Numbers
► Text
► Formulas
► All of the given

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

Programs where no user interaction found during program execution are called __________.

► Batch programs
► Event-driven programs
► Graphics based programs
► None of the given

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

OO software is all about ____________.

► Behaviors
► Methods
► Properties
► Objects
Question No: 27  ( Marks: 1 )

What is the key feature of batch programs?

**Answer:** The key feature is no user interaction with computer while a program is running.

Question No: 28  ( Marks: 1 )

Name two languages which are used for client side scripting?

**Answer:** Javascript, VBscript

Question No: 29  ( Marks: 2 )

What is the purpose of MODEM?

**Answer:** It receives data analog signal from a phone line and then converts them into digital signal and sends back to the computer with which it is attached. It also receives data from computer and converts it into analog signals.

Question No: 30  ( Marks: 3 )

What is Home Page of a website?

**Answer:** For a web user it is a first page displayed when a user starts a web browser and for a web developer it is a first page when a user selects a site.

Question No: 31  ( Marks: 5 )

Why microprocessor uses the binary number system and not the decimal or any other number system?

**Answer:** Because this system is natural for digital computer. Digital computer have fundamental building blocks like ON & OFF etc so it is natural to represent those in a number system that has only two symbols e.g. Binary Numbers 0, 1. Whereas decimal system is natural for human.
Question No: 32  ( Marks: 5 )

What is the difference between Interactive-mode and Batch-mode Application Software?

**Answer:**

Batch-mode: This Mode Program has no user interaction with computer while a program is running e.g Paroll

Interactive-mode: The user runs the program on the computer and keeps interacting with the computer while a program is running e.g word processor