Cs101

Midterm MCQ'S + SUBJECTIVE

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

Consists of cells arranged in rows & columns
- ► **Spreadsheets Software**
- ► Word processor
- ► Presentation Software
- ► Microsoft Paint Software

Question No: 2   (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: 3   (Marks: 1)   - Please choose one

Forms can be submitted through_____&_____methods
- ► INCLUDE, POST
- ► INCLUDE, GET
- ► **GET, POST**
- ► SEND, POST

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

was known as "mill" in Analytical engine.
- ► Memory
- ► **Processor**
- ► Monitor
- ► Mouse

Question No: 5 (Marks: 1) - Please choose one
A Modem is a kind of _____

▶ Input device
▶ Output device
▶ Storage device
▶ **Input and Output device**

Question No: 6 (Marks: 1) - Please choose one
A Procedure that usually but not always works or that gives nearly the right answer iscalled

▶ Deterministic Algorithm
▶ **Heuristic Algorithm**
▶ Greedy Algorithm
▶ Randomized Algorithm

Question No: 7 (Marks: 1) - Please choose one
Which one is not the building block of an algorithm?

▶ **Statements**
▶ Sequences
▶ Repetitions
▶ Conditionals

Question No: 8 (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: 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
------- is volatile memory

- ► **RAM**
- ► ROM
- ► Hard Disk
- ► CD ROM

Question No: 11   (Marks: 1)   - Please choose one
Programs that reside on Web servers and receive info that a user enters in a form, are known as:

- ► **Server-Side Scripts**
- ► Client-Side Scripts
- ► Super Scripts
- ► Form Scripts

Question No: 12   (Marks: 1)   - Please choose one
Floating point unit is also known as_____unit

- ► **Real**
- ► Integer
- ► Numeric
- ► Fractional

Question No: 13   (Marks: 1)   - Please choose one
The weaknesses of the computer are:

- ► Pattern recognition & Storage
- ► Speed & Innovative ideas
- ► **Pattern recognition & Innovative ideas**
- ► Speed & Storage

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

- ► **Wide World Web**
- ► World Wide Web
- ► World White Web
- ► World Web Wide

Question No: 15 （Marks: 1） - Please choose one
_____is a client program that uses HTTP to make requests to Web servers throughout the Internet on behalf of the user.

- ► Web Application
- ► **Web Browser**
- ► Internet Application
- ► HTML

Question No: 16 （Marks: 1） - Please choose one
Contains the name of the protocol required to access the resource, a domain name that identifies aspecific computer on the internet and a pathname on the computer

- ► HTML
- ► HTTP
- ► **URL**
- ► WWW

Question No: 17 （Marks: 1） - Please choose one
Cray-1 was first commercial_____computer

- ► Super
- ► Mini
- ► Micro
- ► Personal

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

We can change the background color in HTML, using ___ attribute of <body>

- ► background
- ► **bgcolor**
- ► backcolor
- ► backgroundcolor

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

Detailed plan, specifying the required resources and expected deliverables, is done in _____phase.

- ► Planning
- ► **User Requirements**
- ► Designd
- ► Developer Specification

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

The example of server-side scripts on Unix servers.

- ► ASP
- ► CGI
- ► BScript
- ► JavaScript

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

 The firstspread sheet program was invented by

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

Question No: 22 (Marks: 1)- Please choose one
Ada,Countess of Lovelace developed first:

- ► Computer
- ► Website
- ► Computer Program
- ► <mark>Analytical engine</mark>

Question No: 23   (Marks: 1)   - Please choose one
Charles Babbage was a/an

- ► **Mathematician**
- ► Computer Scientist
- ► Physician
- ► Analyst

Question No: 24   (Marks: 1)   - Please choose one
Is the best known builder for supercomputers?

- ► Sun
- ► <mark>Cray Research</mark>
- ► Microsoft
- ► Apple

Question No: 25   (Marks: 1)   - Please choose one
UsingCOLSPAN, number of rows of the current cell should extend itself

- ► Upward
- ► <mark>Downward</mark>
- ► Both Upward and Downward
- ► None of the given choices

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

You can_____from/to a website containing interactive forms.

► Only read
► Only write
► **Read and write**
► Not read and write

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

_____software directly interacts with the hardware.

► Application software
► System software
► Dynamic software
► Distributed software

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

Is known as the best feature in word processing.
► Cut
► Copy
► Paste
► Undo

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

Vacuum tubes were replaced by _____

► Punch cards

► Transistors
► Micro Processors
► Resistors

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

Java script interact with user through_____

- ► Special control
- ► Internet explorer
- ► <mark>Event handlers</mark>
- ► Java script does not interact with user

Question No: 31 (Marks: 1) - Please choose one

Which one is correct for JavaScript?

- ► <mark>onMouseOver</mark>
- ► OnMouseOver
- ► onmouseover
- ► All of the given

Question No: 32 (Marks: 1) - Please choose one

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

- ► <mark>True</mark>
- ► False

Question No: 33 (Marks: 1) - Please choose one

Web standards are being developed by

- ► Mozilla
- ► Microsoft
- ► <mark>IBM</mark>
- ► World Wide Web Consortium

Question No: 34   (Marks: 1) - Please choose one

Select the attribute of the <form> tag

> ► Method
> ► Action
> ► Value
> ► All of above

Question No: 35   (Marks: 1)   - Please choose one

Thedefault bullet for the list in HTML is

> **► Disc shape**
> ► Circle shape
> ► Square shape
> ► Triangle shape

Question No: 36   (Marks: 1)   - Please choose one
Commandwhich saves the selected text before deleting is:

> **► Copy**
> ► Delete
> ► Cut
> ► Undo

Question No: 37   (Marks: 1)   - Please choose one
Supercomputers are used in:

> ► Weather forecasting
> ► Aeroplane mnufacturing
> ► Atomic bomb experiments
> **► All of the given choices**

Question No: 38   (Marks: 1)   - Please choose one

PowerBuilder falls in the category of_____.

- ► Assembly Languages
- ► 4-th Generation Languages
- ► Machine Languages
- ► **High-Level Languages**

Question No: 39 (Marks: 1) - Please choose one

AnalyticalEngine is not a single physical machine but a succession of designs that Babbage tinkered with until his death in 1871.

- ► True
- ► **False**

Question No: 40   (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: 41 (Marks: 1) - Please choose one

AutoCAD falls in the category of _____

- ► **Graphics Applications**
- ► Engineering Applications
- ► Scientific Applications
- ► Business Applications

Question No: 42 (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: 43 (Marks: 1) - Please choose one

An algorithm that always takes the best immediate or local solution while finding an answer is called:

► Deterministic Algorithm
► Non deterministic Algorithm

► **Greedy Algorithm**

► Randomized Algorithm

Question No: 44 (Marks: 1) - Please choose one

User interface provided by UNIX operating system is:

► **Shell / GUI**

► Shell Shell
► GUI
► Command line

Question No: 45 (Marks: 1) - Please choose one

FTP stands for

► File transmission protocol
► File transmission path
► File transfer protocol
► Fine transfer path

Question No: 46 (Marks: 1) - Please choose one

Breaks down the message to be sent over the internet into packets.

- ► FTP
- ► HTTP
- ► TCP
- ► IP

Question No: 47 (Marks: 1) - Please choose one

A protocol used for receiving email messages is called:

- ► URL
- ► Telnet
- ► POP3
- ► SMTP

Question No: 48 (Marks: 1) - Please choose one

A function isalso called:

- ► Sub-program
- ► Procedure
- ► Sub-routine
- ► All of the given option

Question No: 49 (Marks: 1) - Please choose one

Which one of the following is NOT a primary color?

- ► Red
- ► Green
- ► Yellow
- ► Blue

Question No: 50 (Marks: 1)   - Please choose one

The organizations are learning that business can be done in a more effective manner if emphasis is placed upon   .

► Cooperation
► Shared responsibility
► Networking
► All of the given options

SUBJECTIVE

Question No: 1 (Marks: 1)
What is java script?

Answer: JavaScript is an object-oriented scripting language used to enable programmatic access to objects within both the client application and other applications.

Question No: 2 (Marks: 2)
How can you explain control unit?

Answer: Control unit is a computerized part of the speech processor. Most of the controls, such as program, volume and sensitivity, are located on the control unit.

Question No: 3 (Marks: 1)
What does TCP/IP stand for?

Transmission Control Protocol/Internet Protocol

Question No: 4 (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: 5 (Marks: 1)
What is the key feature of object-oriented design?

ANSWER: The key feature of object-oriented design is that it treats every thing as object having properties
and methods. These objects are separately treated and designed and once designed it can be used in any
other system. So once designed can be used many times.

Question No: 6 (Marks: 10)
Define the following terms.
. **Object:**
They are foundation of object oreineted lanauge.They are data structure contains data
fields and properies and mothods
☐ **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: 7 (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: 8 (Marks: 1)
Write one purpose of using spreadsheets?

ANSWERS: Purpose of spreadsheets is that it can do calculations on data accurately.

Question No: 9 (Marks: 2)
List down two advantages of writing Pseudo Code

Answers: The advantages of pseudo code are:
☐ It is quite similar to human language so easy to understand.
☐ It is close to real code so easy to write real code from it.

Question No: 10 (Marks: 5)
Differentiate between Vector graphics and Bit-mapped graphics.

ANSWER:
VECTOR GRAPHICS
1. Treat everything as an object
2. Is resolution independent
3. Relatively small size
4. Example: Corel Draw

BIT MAPPED IMAGES
1. Treats everything as a bit
map.
2. Resolution dependent
3. Large files
4. Example: Microsoft Paint