

**CS101 All Past Solved Mid Term Papers in one file**  
**By**  
**<http://vustudents.ning.com>**

**fall\_2009\_MIDTerm\_CS101\_s1\_solved**

**MIDTERM EXAMINATION**  
**Spring 2009**  
**CS101- Introduction to Computing**

**Time: 60 min**

**Marks: 43**

**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

**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

**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 the 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

**MIDTERM EXAMINATION**  
**Fall 2009**  
**CS101- Introduction to Computing s2**

**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

**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:

```
str = "Hello" + " World"
```

What will be the value of 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



**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

**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

**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?

**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



**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

**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

**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 their 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 designer 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 program's deisgned 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 oof 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 sciprtng.
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

**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
- ▶ 128 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 \_\_\_\_\_**

- ▶ **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**

- ▶ Wearable

**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, Cloumn A**

\_\_\_\_\_.

- ▶ Row A, Cloumn 12
- ▶ **Row 12, Cloumn A**
- ▶ Row 2, Cloumn A1
- ▶ Row A1, Cloumn 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

**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 computer**Hardware** \_\_\_\_\_

- ▶ **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 \_\_\_\_\_ 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 software that can translate the whole program in [once.it](http://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?**



**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](http://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](http://www.vu.edu.pk)

[www.yahoo.com](http://www.yahoo.com)

[www.hotmail.com](http://www.hotmail.com)

following are the hyperlinks for Email address

[rashidumer50@yahoo.com](mailto: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



Spring2009\_MIDTerm\_CS101\_s6\_solved

**MIDTERM EXAMINATION**

**Spring 2009**

**CS101- Introduction to Computing (Session - 6)**

**Time: 60 min**

**Marks: 43**

**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

**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 receive data analog signal from a phone line and then convert them into digital signal and send back to the computer with which it is attached. It also receives data from computer and convert it into analog signals.

**Question No: 30 ( Marks: 3 )**

What is Home Page of a web site?

**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