Solved by sam pari

MIDTERM EXAMINATION
Spring 2010
CS101- Introduction to Computing

Ref No: 1340580
Time: 60 min
Marks: 38

Student Info	
Student ID:	
Center:	
Exam Date:	

For Teacher's Use Only

Q No.	1	2	3	4	5	6	7	8	Total
Marks									
Q No.	9	10	11	12	13	14	15	16	
Marks									
Q No.	17	18	19	20	21	22	23		
Marks									

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

Vacuum tubes were replaced by ___

    ► Punch cards

    ► Transistors

    ► Micro Processors

    ► Resistors

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

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

    ► 2

    ► 8

    ► 12

    ► 16

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

Java script interact with user through_____

    ► Special control

    ► Internet explorer

    ► Event handlers

    ► Java script does not interact with user

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

Which one is correct for JavaScript?

► onMouseOver

► <mark>OnMouseOver</mark>

► onmouseover

► All of the given

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

Programs that reside on Web servers and receive info that a user enters in a form, are known as:

► <mark>Server-Side Script</mark>s   page 71

► Client-Side Scripts

► Super Scripts

► Form Scripts

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

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

► <mark>Control unit</mark>

► Memory unit

► Floating Point unit

► Arithmetic and Logic unit

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

WWW stands for:

► Wide World Web

► <mark>World Wide Web</mark>

► World White Web

► World Web Wide

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

Supercomputers are used in:

► Weather forecasting

► Aeroplane mnufacturing

► Atomic bomb experiments

► <mark>All of the given choices</mark>

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

Which one of these is NOT an example of storage devices?

► Tape

► **RAM**

► Floppy

► DVD

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

To display a checkbox on the web page, we use ___ tag

► CHECKBOX

► CHECK

► **INPUT**

► INPUTBOX

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

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

► **True**

► False

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

OO software is all about _____.

► Behaviors

► Methods

► Properties

► **Objects**

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

Web standards are being developed by

► Mozilla

► Microsoft

► **IBM**

► World Wide Web Consortium

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

_____ are great for showing parts of a whole that are generally expressed in percentages.

► Line Charts

► **Pie Charts**

► Bar Charts

► None of the options described

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

A diode is a _____terminal device

► Three

► <mark>Two</mark>   page 32

► One

► None of above

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

Select the attribute of the <form> tag

► Method

► Action

► Value

► <mark>All of above</mark>

Question No: 17   (Marks: 2)

Explain briefly the different techniques that are used to embed JavaScript code in a web page?

Question No: 18   (Marks: 2)

What is an interpreter? Write its one benifit over compiler.

Question No: 19   (Marks: 2)

Whether response time of a microprocessor is greater or less than that of RAM?

Question No: 20   (Marks: 3)

Write formula for the following expression.
1) If we want to add the value from cell C3 to C10 we can write
2) If we want to add the value of C2 to the value of C4 and than multiply by C6 , the formula is written for

Question No: 21   (Marks: 3)

How can we enter data in more than one line in an html form?

Question No: 22   (Marks: 5)

What is software life cycle?

Question No: 23   (Marks: 5)

Elaborate greedy algorithm definition with solid example in favour and one counter example?

Solve by sam pari

MIDTERM EXAMINATION
Spring 2010
CS101- Introduction to Computing (Session - 4)

Ref No: 1341114
Time: 60 min
Marks: 38

Student Info	
StudentID:	MC100200513
Center:	OPKST
ExamDate:	5/26/2010 12:00:00 AM

For Teacher's Use Only

Q No.	1	2	3	4	5	6	7	8	Total
Marks									
Q No.	9	10	11	12	13	14	15	16	
Marks									
Q No.	17	18	19	20	21	22	23		
Marks									

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

Ada, Countess of Lovelace developed first:

► Computer
► Website
► Computer Program
► Analytical engine

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

Charles Babbage was a/an

► Mathematician
► Computer Scientist
► Physician
► Analyst

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

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

► Planning
► User Requirements
► Design
► Developer Specification

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

A computer program that facilitates the communication between the computer and a peripheral device is called_____

► Operating system
► Utilities
► Language Translator
► Device Drives

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

To start an ordered list from 20 instead of 1, we will write

► <OL begin = "20">
► <OL initiate = "20">

► <OL start = "20">
► <OL from = "20">

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

_____ is the best known builder for supercomputers.

► Sun
► <mark>Cray Research</mark>   page 21
► Microsoft
► Apple

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

Using COLSPAN, 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: 8   (Marks: 1)   - Please choose one

Interactive forms are always placed between ___ tag-set

► TITLE
► HEAD
► <mark>BODY</mark>
► HTML

Question No: 9   (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
► <mark>Operating System</mark>
► Application Software

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

Speakers fall into the hardware category.

► <mark>True</mark>
► False

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

_____ software directly interacts with the hardware.

► Application software

► <mark>System software</mark>   page 60

► Dynamic software

► Distributed software

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

In spreadsheet, which of the following function is used to solve the equation $3x^3 - 2x + 5 = 0$ **?**

► =COUNTIF

► =GoalSeek

► None of the above

► =Sum

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

_____ is known as the best feature in word processing.

► Cut

► Copy

► Paste

► Undo

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

In java script objects may have_____ properties.

► Single

► Several

► Multiple

► All of the given options

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

_____ are great for showing parts of a whole that are generally expressed in percentages.

► Line Charts

► Pie Charts　page 154

► Bar Charts

► None of the options described

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

Small Computer System Interface is

► Slower and harder to configure then serial and parallel ports

► Faster then USB

► Both first choices

Question No: 17   (Marks: 2)

Write the major types of softwares with examples?
Answer:
System software
Application software

Question No: 18   (Marks: 2)

What is the major difference between paragraph <p> and Line Break <BR> tags?
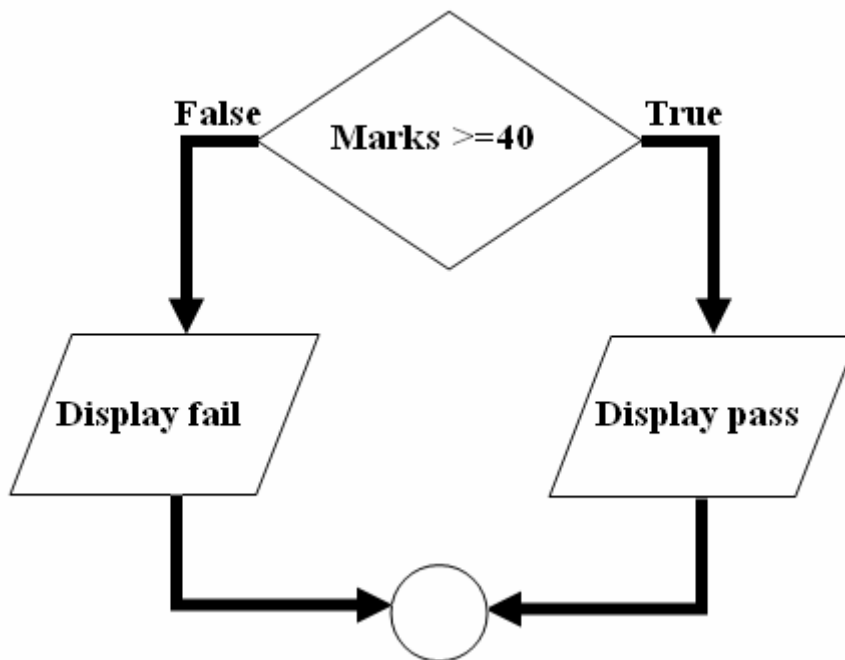
Question No: 19   (Marks: 2)

Why PASCAL was designed and what is the problem with PASCAL?

Question No: 20   (Marks: 3)

What are the key requirements of E-commerce Software?

Question No: 21   (Marks: 3)

Write down the pseudo code for the following flow chart.

Question No: 22   (Marks: 5)

 (a) Write down two positive features of client-side scripting.

(b) Discuss two deficiencies of JavaScript.

Question No: 23   (Marks: 5)

What are the key features of a word processor?

MIDTERM EXAMINATION
Spring 2010
CS101- Introduction to Computing

Ref No: 1340580
Time: 60 min
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Student Info	
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► **RAM**

► Floppy

► DVD

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

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  ► CHECKBOX

  ► CHECK

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  ► INPUTBOX

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  ► **True**

  ► False

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

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  ► Behaviors

► Methods

► Properties

► Objects

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

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► Microsoft

► IBM

► World Wide Web Consortium

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► Pie Charts

► Bar Charts

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► Three

► Two

► One

► None of above

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

Select the attribute of the <form> tag

► Method

► Action

► Value

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Question No: 18   (Marks: 2)

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2) If we want to add the value of C2 to the value of C4 and than multiply by C6 , the formula is written for

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How can we enter data in more than one line in an html form?

Question No: 22   (Marks: 5)

What is software life cycle?

Question No: 23   (Marks: 5)

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MIDTERM EXAMINATION
Spring 2010
CS101- Introduction to Computing

Student Info

Student ID:	
Center:	
Exam Date:	

For Teacher's Use Only

Q No.	1	2	3	4	5	6	7	8	Total
Marks									
Q No.	9	10	11	12	13	14	15	16	
Marks									
Q No.	17	18	19	20	21	22	23		
Marks									

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

_____ language is very good for writing well-structured and readable programs, but it is not as flexible as the C programming language

► BASIC

► PASCAL   page 131

► JAVA

► FORTRAN

Pascal is very good for writing well-structured and readable programs, but it is not as flexible as the C programming language

Question No: 3   (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: 4   (Marks: 1) - Please choose one

A computer program that facilitates the communication between the computer and a peripheral device is called_____

► Operating system

► Utilities

► Language Translator

► Device Drives

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

AutoCAD falls in the category of _____

► Engineering Applications page 61

► Graphics Applications

► Scientific Applications

► Business Applications

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

Tag used to make a Text Bold is _____

► <BOLD></BOLD>

► <B></B>

► <BODY></BODY>

► None of these

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

Which one of these is NOT an example of embedded computers?

► IMB PC

► Microwave oven

► Refrigerator

► Calculator

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

Supercomputers are used in:

► Weather forecasting

► Aeroplane manufacturing

► Atomic bomb experiments

► All of the given choices

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

Which one of these is NOT an example of storage devices?

► Tape

► RAM

► Floppy

► DVD

Question No: 10   (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: 11   (Marks: 1) - Please choose one

A set of stand alone productivity applications designed to work together known as
_____ .

► Productivity software suites   page 84

► Compiled software

► Secure software

► Intelligent software

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

File handling in java script is done _____.

► In more accurate way

► In more easy way

► Both more easy and in accurate way

► Not at all

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

Which one of the following is a valid variable name?

► Break

► Switch

► Catch

► None of the given

Question No: 14   (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: 15   (Marks: 1) - Please choose one

A	B	C	D
4	ABC003	65	=c4=c4

Expression format in cell D4 is NOT correct.

► True

► False

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

User interface provided by UNIX operating system is:

► Shell / GUI   page 68

► Shell

Shell

► GUI

► Command line

Question No: 17   (Marks: 2)

What is meant by microprocessor's Instruction Set ?

Question No: 18   (Marks: 2)

What are the basic components of a program ?

Question No: 19   (Marks: 2)

Describe the function of an action attribute?

Question No: 20   (Marks: 3)

List down the names of any three parameters on which we analyze an algorithm.

Question No: 21   (Marks: 3)

What is a programming language? In traditional languages what was the problem by keeping data and methods separate.

Question No: 22   (Marks: 5)

(a) Write down two positive features of client-side scripting.

(b) Discuss two deficiencies of JavaScript.

Question No: 23   (Marks: 5)

Write an HTML COde for the following Output on browser:

 Male

 Female

MIDTERM EXAMINATION
Spring 2010
CS101- Introduction to Computing (Session - 5)

Ref No: 1341217
Time: 60 min
Marks: 38

Student Info	
StudentID:	BC100200572
Center:	OPKST
ExamDate:	5/26/2010 12:00:00 AM

For Teacher's Use Only									
Q No.	1	2	3	4	5	6	7	8	Total
Marks									
Q No.	9	10	11	12	13	14	15	16	
Marks									
Q No.	17	18	19	20	21	22	23		
Marks									

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

_____ language is very good for writing well-structured and readable programs, but it is not as flexible as the C programming language

- ► BASIC
- ► PASCAL
- ► JAVA
- ► FORTRAN

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

_____ interacts directly with the computer Hardware

- ► Compiler

- ► Operating system

- ► Application software

- ► Assembler

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

If type attribute of INPUT tag is set to "reset", then it will:

- ► Save all the data
- ► Set the shape of all the fields
- ► Set all fields to their default values

- ► Do nothing, you have to write code for it

Question No: 4 (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: 5 (Marks: 1) - Please choose one

The world first computer program was written to compute:
  ► Simple sequence
  ► Multiple sequence
  ► Bernoulli's sequence page 9
  ► Increasing sequence

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

The key strengths of computers are
  ► Speed
  ► Storage
  ► Do not get bored
  ► All of the given choices

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

_____ is the interface in computer that supports transmission of multiple bits at the same time.
  ► Serial Port
  ► Parallel Port   page 24
  ► Universal Serial Bus
  ► None of the given choices

Question No: 8   (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: 9   (Marks: 1)   - Please choose one

NOWRAP extends the _____ of a cell, if necessary, to fit the contents of the cell in a single line
  ► Height
  ► Length
  ► Width   page 56
  ► Value

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

We need _____ for memory management in computer
  ► Software
  ► Hardware
  ► Operating System
  ► Application Software

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

The first component of an operating system that runs when a typical computer is turned ON, is:

► Device Manager
► File Manager
► Loader
► Device Driver

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

Speakers fall into the hardware category.
► <mark>True</mark>
► False

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

HTML pages are edited by _____
► MS Front page
► Notepad
► Dreamweaver
► <mark>All of These</mark>

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

PowerBuilder falls in the category of _____.

► Assembly Languages
► 4-th Generation Languages
► Machine Languages
► <mark>High-Level Languages</mark>

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

Java script is an.
► Object based language

► <mark>All of the given</mark> page 96

► Interpreted language

► Event driven language

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

In java script objects may have_____ properties.
► Single

► Several

► Multiple

Question No: 17   (Marks: 2)

<A "HREF=VU Home Page"> Click Here <\A>
Correct above HTML code segment.

Question No: 18   (Marks: 2)

Give an example of an Interactive and Batch mode of Application Software?

Question No: 19   (Marks: 2)

What is best algorithm?

Question No: 20   (Marks: 3)

Write three characteristics of JavaScript.

Question No: 21   (Marks: 3)

What is the difference WYSIWYG and Markup based word processing?

Question No: 22   (Marks: 5)

What are the two key features of UNDO command in MS-Excel ?

Question No: 23   (Marks: 5)

Write down the classification of the software's according to the Mode with examples?

MIDTERM EXAMINATION
Spring 2010
CS101- Introduction to Computing (Session - 4)

Ref No: 1341159
Time: 60 min
Marks: 38

Student Info	
StudentID:	MC100201286
Center:	OPKST
ExamDate:	5/28/2010 12:00:00 AM

For Teacher's Use Only

Q No.	1	2	3	4	5	6	7	8	Total
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Marks									

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

JavaScript does not support_____

► <mark>User interaction</mark>
► Graphics
► Network operations
► Both Graphics and Network operations

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

_____ language is very good for writing well-structured and readable programs, but it is not as flexible as the C programming language

► BASIC
► <mark>PASCAL</mark>
► JAVA
► FORTRAN

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

_____ is the example of Shrink-wrapped software

► PIA information system
► WinZip trial pack
► Linux
► <mark>MS Word</mark>

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

_____ refers to the firmware code which is run by an IBM compatible PC when first powered on.
► DOS
► <mark>BIOS</mark>   page 61
► Utility Program
► None of these

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

RTOS stands for_____

► Real Task Operating System
► Random Time Operating System
► Rational Time Operating System

► <mark>Real Time Operating System</mark>   page 67

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

_____ -----

-------- is an electronic path within a Computer System along which bits are transmitted.

► Port
► Slots
► <mark>Bus</mark>
► Modem

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

_____ A

microprocessor can be made more powerful by increasing its _____

► Clock frequency
► Word length
► <mark>Clock frequency and Word length</mark>   page 318
► None of above

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

_____

Which one of these translates the program once at a time ?
► Interpreter
► <mark>Compiler</mark>   page 61
► Operating system
► Translator

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

_____ -----

------- is volatile memory

► <mark>RAM</mark>   page 25
► ROM
► Hard Disk
► CD ROM

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

_____ A

British scientist named John A. Fleming made a vacuum tube known today as a diode. Then the diode was known as a "valve," Is it true?

► <mark>true</mark>   page 14
► false

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

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

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

_____ is generally measured in terms of the number of steps required to execute an algorithm.

- ► Space
- ► Time   page 101
- ► Memory and time
- ► Bandwidth

Question No: 13   (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: 14   (Marks: 1)   - Please choose one

———————————————————————————————————— For connector the following symbol is used:

- ►Square

- ►Rectangle

- ►Diamond

- ►Circle

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

After starting computer, which module of operating system activates first?

▶ Linker

▶ Kernel

▶ <mark>Loader</mark>

▶ Device manager

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

"Every minute dies a man, And one and a sixteenth is born" said by?

▶ Alfred, Lord Tennyson

▶ <mark>Charles Babbage</mark>   during lec

▶ Ada, Countess of Lovelace

▶ Babbage and Lord Tennyson

Question No: 17   (Marks: 2)

Why JavaScript is called Object-based language, why not Object-Oriented ?

Question No: 18   (Marks: 2)

Draw flow chart symbols for "process" and "off page connector" ?

Question No: 19   (Marks: 2)

How can you open a link in a new browser window**?**

Question No: 20   (Marks: 3)
_____ List down the names of any three parameters on which we analyze an algorithm.

Question No: 21   (Marks: 3)
_____
What is the difference between user requirements and development specification.

Question No: 22   (Marks: 5)
_____
Which two phases of the SW lifecycle do you think are the most important and effort consuming steps? Explain with reasons.

Question No: 23   (Marks: 5)
_____
Write down the algorithm for converting decimal number to binary?

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 - 5)

Ref No: 1013992
Time: 60 min
Marks: 43

Student Info	
StudentID:	MC090409683
Center:	OPKST
ExamDate:	12/14/2009 12:00:00 AM

For Teacher's Use Only

Q No.	1	2	3	4	5	6	7	8	Total
Marks									
Q No.	9	10	11	12	13	14	15	16	
Marks									
Q No.	17	18	19	20	21	22	23	24	
Marks									
Q No.	25	26	27	28	29	30	31	32	
Marks									

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

The memory size of the Altair 8800 was
- ► 128 bytes
- ► 128 Kilo bytes
- ► 256 Kilo bytes
- ► **256 bytes**

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

URL is a/an _____
- ► Device
- ► Component
- ► **Address**
- ► Tool

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

Which of the following hardware component of a computer can also be called as engine?
- ► Bus
- ► Storage
- ► Memory
- ► **Processor**

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

The _____Processor is specially designed for PDA?
- ► PowerPC
- ► **StrongARM**
- ► Crusoe
- ► SPARC

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

There are _____ ways to represent an algorithm.

- ► 1
- ► 2
- ► **3**
- ► 4

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

Which one is correct for JavaScript?

- ► onMouseOver
- ► **OnMouseOver**
- ► onmouseover

► All of the given

Question No: 7   (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
► <mark>FORTRAN</mark>   page 131

Question No: 8   (Marks: 1)   - Please choose one
In spreadsheets, cell address A12 means _____.

► Row A, Cloumn 12
► <mark>Row 12, Cloumn A</mark>
► Row 2,Cloumn A1
► Row A1, Cloumn 2

Question No: 9   (Marks: 1)   - Please choose one
The key feature of Scientific/Engineering/Graphics applications is _____

► <mark>Intense calculations</mark> page 81

► User-friendly

► Reliability

► Cost-effective

Question No: 10   (Marks: 1)   - Please choose one
Command which saves the selected text before deleting is
► Copy

► Delete

► <mark>Cut</mark>

► Undo

Question No: 11   (Marks: 1)   - Please choose one
Properties of an object are modified with

► Class

page 142

► Structures

► Forms

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

Video Card has its own -----------------

► Memory
► Processor
► Memory& Processor
► Neither memory nor Processor

Question No: 13   (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: 14   (Marks: 1)   - Please choose one

Computers are good at
► Speed
► Storage
► Never bored
► All of the given choices

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

There is a battery on the motherboard to:
► Give power to the processor
► Save information when computer is off
► Save information when computer is on
► **Give power to the motherboard**

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

Microsoft Word is a type of:
► System Software

► Freeware Software
► <mark>Shrink-Wrapped Software</mark>   page 62
► Custom-built Software

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

The set of instructions that opearates various parts of hardware is called shareware.
► True
► <mark>False</mark>

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

Which of the following manages the HW and SW resources of the computer system?
► Hardware
► System Software
► <mark>Operating system</mark> page 65
► Graphics Software

Question No: 19   (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.
► <mark>True</mark>
► False

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

Which of the following formula is used in spread sheet for addition?

► C6+E6
► <mark>=C6+E6</mark>
► 6+6=12
► 6+E6

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

Web Pages developed for human as well computer understanding are called as;
► Static Web Pages
► <mark>Semantic Web Pages</mark>
► Dynamic Web Pages
► Java Web Pages

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

Programs where no user interaction found during program execution are called

_____.

► <mark>Batch program</mark> page 129
► Event-driven programs
► Graphics based programs
► None of the given

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

In _____, the software developer decomposes the problem into subsystems and defines their relationships.

 ► Detailed Design
 ► Integration Testing
 ► Design   page 137
 ► Architecture

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

A diode functions as the electronic version of a _____-way valve.

     🕐   one page 32
     🕐   two
     🕐   three
     🕐   four

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

What is the key feature of computer which is against human nature?

 ► Can't get bored.
 ► Pattern recognition
 ► Repetition
 ► None

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

The first --------------was invented at Bell Laboratories on December 16, 1947 by William Shockley.

 ► Transistor   page 14

 ► Vacuum Tube

 ► Punch card

 ► Transmitter

Question No: 27 (Marks: 1)

What is the Brute Force Strategy?

Answer:. A staretegy in which all possible combinations are examined and best among them is selected. Brute force (also known as brute force cracking) is a trial and error method used by application programs to decode encrypted data such as

passwords or Data Encryption Standard (DES) keys, through exhaustive effort (using brute force) rather than employing intellectual strategies.

Question No: 28   (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.
It is primarily used in the form of client-side JavaScript, implemented as an integrated component of the web browser, allowing the development of enhanced user interfaces and dynamic websites

Question No: 29   (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: 30   (Marks: 3)
How a designer makes Structured Design?

Answer: Structured Design: Materials and member type, size, and configuration to carry loads in a safe and serviceable fashion.
In general, structural design implies the engineering of stationary objects such as buildings and bridges, or objects that may be mobile but have a rigid shape such as ship hulls and aircraft frames tructural design involves at least five distinct phases of work, project requirements, materials, structural scheme, analysis, and design
It is insufficient in most cases, for the designer to consider a solution, a design. He should evaluate several alternate designs and choose the best in the sense of maximizing such technical objectives as efficiency, reliability, and maintainability while satisfying such design constraints as memory size and response time.

Question No: 31   (Marks: 5)
What is Turing machine? Who invented it and also explain how a Turing test is conducted?

Answer: A Turing machine is a theoretical device that manipulates symbols contained on a strip of tape. Despite its simplicity, a Turing machine can be adapted to simulate the logic of any computer algorithm, and is particularly useful in explaining the functions of a CPU inside of a computer. The "Turing" machine was designed by Alan Turing in 1937.
The Turing test is a proposal for a test of a machine's ability to demonstrate intelligence. It proceeds as follows a human judge engages in a natural language

conversation with one human and one machine, each of which tries to appear human. All participants are placed in isolated locations. If the judge cannot reliably tell the machine from the human, the machine is said to have passed the test. In order to test the machine's intelligence rather than its ability to render words into audio, the conversation is limited to a text-only channel such as a computer keyboard and screen.

If a computer pass the test ,we can say that a machine can think.

Question No: 32   (Marks: 5)

What are JavaScript literal and what are its types?

Answer: The raw data that make up the root of data types are called "literals." These are, in effect, literally what they represent themselves to be. Numbers, strings, and Boolean values make up the core set of literals in JavaScript. Little mystery exists with literals, but important differences exist between them. In JavaScript, data types include strings, which are simply quoted characters, numbers, Boolean, Objects and even a type which has no value at all, Null. Since JavaScript is a loosely typed language, you don't neccessarily need to know what type of data every value is (although it certainly helps).

Every piece of data in these categories is known as a value. When a value is referred to outright in a statement, it is called a literal value. For the same reason people are identified by names as opposed to "human" or "person", literal values can be named in order to make repeated reference to them practical, efficent and readable. These names are called variables.

Literals can be of several types. Some of them are:
Array Literals
Boolean Literals
Floating-Point Literals
Integers
Object Literals
String Literals

MIDTERM EXAMINATION
Spring 2009
CS101- Introduction to Computing

Time: 60 min
Marks: 43

Student Info	
StudentID:	
Center:	
ExamDate:	

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Q No.	1	2	3	4	5	6	7	8	Total
Marks									
Q No.	9	10	11	12	13	14	15	16	
Marks									
Q No.	17	18	19	20	21	22	23	24	
Marks									
Q No.	25	26	27	28	29	30	31	32	
Marks									

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   page 61

   ► 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   page 131

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   page 24

► Crusoe
► SPARC

Question No: 24   (Marks: 1)   - Please choose one
Mainframe Computers are also called _____
<mark>► Enterprise Servers</mark>
► Personal Servers
► Enterprise Managers
► Window Servers

Question No: 25   (Marks: 1)   - Please choose one
URL is a/an _____
► Device
► Component
<mark>► Address</mark>
► Tool

Question No: 26   (Marks: 1)   - Please choose one
Ada, Countess of Lovelace developed first:
► Computer
► Website
<mark>► Computer Program</mark>
► Analytical engine

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

Question No: 28   (Marks: 1)
What was the name of first computer in which binary numbers were used instead of decimal numbers ?

Question No: 29   (Marks: 2)
How can we say that JavaScript is Not Object-Oriented language?

Question No: 30   (Marks: 3)
List down the names of any three parameters on which we analyze an algorithm.

Question No: 31   (Marks: 5)
Write differences between Shareware and Trialware software.

Question No: 32   (Marks: 5)
What is function of Goal Seek command in Excel?

MIDTERM EXAMINATION
Spring 2009
CS101- Introduction to Computing

Time: 60 min
Marks: 43

Student Info	
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For Teacher's Use Only

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

A diode functions as the electronic version of a _____-way valve.

> ► <mark>one</mark>
> ► two
> ► three
> ► four

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What is name of book from which word algorithm is taken ?

> ► Algebra and trigonometry
>
> ► Introduction to algorithms
>
> ► Research for new horizons
>
> ► <mark>Algoritmi de numero Indorum</mark>

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

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

> ► <mark>True</mark>
> ► False

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

_____ consists of cells arranged in rows & columns

> ► <mark>Spreadsheets Software</mark>
> ► Word processor
> ► Presentation Software
> ► Microsoft Paint Software

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

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> ► Explorer.exe
> ► System Files
> ► <mark>Operating System</mark>

► Application Software

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- ► Transistor
- ► Compiler   page 61
- ► Device

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

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- ► computer
- ► human
- ► city
- ► game

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- ► Word

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- ► 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   page 131

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   page 24

► Crusoe
► SPARC

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

Mainframe Computers are also called _____
► <mark>Enterprise Servers</mark>
► Personal Servers
► Enterprise Managers
► Window Servers

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

URL is a/an _____
► Device
► Component
► <mark>Address</mark>
► Tool

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

Ada, Countess of Lovelace developed first:
► Computer
► Website
► <mark>Computer Program</mark>
► Analytical engine

Question No: 27   (Marks: 1)

What is the problem with Brute Force Strategy approach?

Question No: 28   (Marks: 1)

What was the name of first computer in which binary numbers were used instead of decimal numbers ?

Question No: 29   (Marks: 2)

How can we say that JavaScript is Not Object-Oriented language?

Question No: 30   (Marks: 3)

List down the names of any three parameters on which we analyze an algorithm.

Question No: 31   (Marks: 5)

Write differences between Shareware and Trialware software.

Question No: 32   (Marks: 5)

What is function of Goal Seek command in Excel?

MIDTERM EXAMINATION
Spring 2010
CS101- Introduction to Computing (Session - 2)

Ref No:
Time: 60 min
Marks: 38

Student Info	
StudentID:	
Center:	
ExamDate:	5/27/2010 12:00:00 AM

For Teacher's Use Only

Q No.	1	2	3	4	5	6	7	8	Total
Marks									
Q No.	9	10	11	12	13	14	15	16	
Marks									
Q No.	17	18	19	20	21	22	23		
Marks									

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

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

► Planning
► User Requirements
► Design
► Developer Specification

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

A combination of word processing and graphic design is

► Corel Draw

► Desktop Publishing page 83

► Paint

► WordPad

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

------------- is an electronic path within a Computer System along which bits are
transmitted.

► Port
► Slots
► Bus
► Modem

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

The key strengths of computers are
► Speed
► Storage
► Do not get bored
► All of the given choices

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

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

► background

► bgcolor

► backcolor

► backgroundcolor

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

 ASCII WHITE is the fastest Super computer which can perform _____
calculations in one second.
>   ► 1.3 billion
>   ► 1.3 trillion
>   ► 1.3 miillion
>   ► 1.3 thousand

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

 _____ is the example of server-side scripts on Unix servers.
>   ► ASP
>   ► CGI   page 71
>   ► VBScript
>   ► JavaScript

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

 We need _____ for memory management in computer
>   ► Software
>   ► Hardware
>   ► Operating System
>   ► Application Software

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

 Data was stored and counted mechanically using ----------- decimal storage wheels, ------
---------------- rotary dial switches.

>   ► 300,400

>   ► 1300,1400

>   ► 30100,14100

>   ► 3000 , 1400   page 14

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

 The first spread sheet program was invented by
>   ► Charles Babbage
>   ► Dan Bricklin
>   ► Paul Graham
>   ► John von Neumann

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

In x = x + 20, x is called a _____.

► Constant
► String
► Variable
► Number

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

The transistor is a solid state semiconductor device used for amplification and switching, and has _____ terminals.

🕐   one
🕐   two
🕐   three page 32
🕐   four

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

A diode functions as the electronic version of a _____ -way valve.

► one page 32
► two
► three
► four

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

This element of Flow Chart is called_____.

► Process
► Off page connector
► Decision
► Connector

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

Choose the correct html format to create a checkbox.

► <checkbox>

► <input type="checkbox">

► <input type="check">

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

---------------is the process of starting or restarting a computer.

- ►**BIOS**

- ►**Refreshing**

- ►**Booting**
- ►<mark>**None of given**</mark>

Question No: 17   (Marks: 2)

What is the Title of the web page for following code segment?
```
<Head>
<TITLE> VU Web <\TITLE>
<TITLE> Page </TITLE>
</Head>
```

Question No: 18   (Marks: 2)

What do you mean by Comments?

Question No: 19   (Marks: 2)

How can an operating system be viewed as a resource allocator?

Question No: 20   (Marks: 3)

What is the role of application software in Education?

Question No: 21   (Marks: 3)

Give four properties and two methods of window object ?

Question No: 22   (Marks: 5)

What is the difference between High-level and Low-level programming languages?

Question No: 23   (Marks: 5)

Elaborate greedy algorithm definition with solid example in favour and one counter example?

MIDTERM EXAMINATION
Spring 2010
CS101- Introduction to Computing (Session - 2)

Ref No:
Time: 60 min
Marks: 38

Student Info	
StudentID:	
Center:	
ExamDate:	5/27/2010 12:00:00 AM

For Teacher's Use Only

Q No.	1	2	3	4	5	6	7	8	Total
Marks									
Q No.	9	10	11	12	13	14	15	16	
Marks									
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Marks									

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

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► WordPad

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► Storage
► Do not get bored
► All of the given choices

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

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>   ► 1.3 miillion
>   ► 1.3 thousand

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>   ► JavaScript

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

 We need _____ for memory management in computer
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>   ► Hardware
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>   ► Application Software

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

 Data was stored and counted mechanically using ----------- decimal storage wheels, ------ ---------------- rotary dial switches.

>   ► 300,400

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>   ► 30100,14100

>   ► 3000 , 1400   page 14

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

 The first spread sheet program was invented by
>   ► Charles Babbage
>   ► Dan Bricklin
>   ► Paul Graham
>   ► John von Neumann

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

In x = x + 20, x is called a _____ .

   ► Constant
   ► String
   ► Variable
   ► Number

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

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   🕒   one
   🕒   two
   🕒   three page 32
   🕒   four

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

A diode functions as the electronic version of a _____ -way valve.

   ► one page 32
   ► two
   ► three
   ► four

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

This element of Flow Chart is called_____ .

   ► Process
   ► Off page connector
   ► Decision
   ► Connector

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

Choose the correct html format to create a checkbox.

   ► <checkbox>

   ► <input type="checkbox">

   ► <check>
   ► <input type="check">

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

---------------is the process of starting or restarting a computer.

- ►**BIOS**

- ►**Refreshing**

- ►**Booting**
- ►<mark>**None of given**</mark>

Question No: 17   (Marks: 2)

What is the Title of the web page for following code segment?
<Head>
<TITLE> VU Web <\TITLE>
<TITLE> Page </TITLE>
</Head>

Question No: 18   (Marks: 2)

What do you mean by Comments?

Question No: 19   (Marks: 2)

How can an operating system be viewed as a resource allocator?

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Question No: 21   (Marks: 3)

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Question No: 23   (Marks: 5)

Elaborate greedy algorithm definition with solid example in favour and one counter example?

MIDTERM EXAMINATION
Spring 2010
CS101- Introduction to Computing (Session - 4)

Ref No: 1341114
Time: 60 min
Marks: 38

Student Info	
StudentID:	MC100200513
Center:	OPKST
ExamDate:	5/26/2010 12:00:00 AM

For Teacher's Use Only

Q No.	1	2	3	4	5	6	7	8	Total
Marks									
Q No.	9	10	11	12	13	14	15	16	
Marks									
Q No.	17	18	19	20	21	22	23		
Marks									

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

Ada, Countess of Lovelace developed first:
- ► Computer
- ► Website
- ► Computer Program
- ► Analytical engine

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

Charles Babbage was a/an
- ► Mathematician
- ► Computer Scientist
- ► Physician
- ► Analyst

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

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

- ► Planning
- ► User Requirements
- ► Design
- ► Developer Specification

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

A computer program that facilitates the communication between the computer and a peripheral device is called_____

- ► Operating system
- ► Utilities
- ► Language Translator
- ► Device Drives

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

To start an ordered list from 20 instead of 1, we will write

- ► <OL begin = "20">
- ► <OL initiate = "20">

- ► <OL start = "20">
- ► <OL from = "20">

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

_____ is the best known builder for supercomputers.

► Sun
► Cray Research
► Microsoft
► Apple

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

Using COLSPAN, number of rows of the current cell should extend itself
► Upward
► Downward
► Both Upward and Downward
► None of the given choices

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

Interactive forms are always placed between ___ tag-set
► TITLE
► HEAD
► BODY
► HTML

Question No: 9   (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: 10   (Marks: 1)   - Please choose one

Speakers fall into the hardware category.
► True
► False

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

_____ software directly interacts with the hardware.

► Application software

► System software

► Dynamic software

► Distributed software

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

In spreadsheet, which of the following function is used to solve the equation $3x^3 - 2x + 5 = 0$ **?**

▶ =COUNTIF
▶ =GoalSeek
▶ None of the above
▶ =Sum

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

_____ is known as the best feature in word processing.

▶ Cut
▶ Copy
▶ Paste
▶ Undo

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

In java script objects may have_____ properties.

▶ Single

▶ Several

▶ Multiple
▶ All of the given options

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

_____ are great for showing parts of a whole that are generally expressed in percentages.

▶ Line Charts

▶ Pie Charts

▶ Bar Charts

▶ None of the options described

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

Small Computer System Interface is

▶ Slower and harder to configure then serial and parallel ports

▶ Faster then USB

► Both first choices

<mark>► Slower then USB but Faster then serial and parallel</mark>

Question No: 17 (Marks: 2)
Write the major types of softwares with examples?

Question No: 18 (Marks: 2)
What is the major difference between paragraph <p> and Line Break <BR> tags?
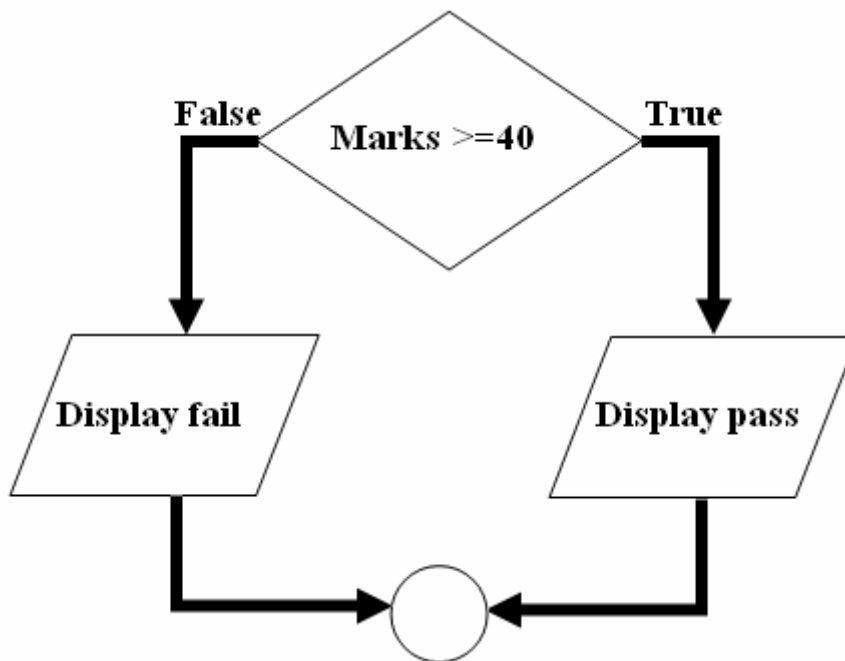
Question No: 19 (Marks: 2)
Why PASCAL was designed and what is the problem with PASCAL?

Question No: 20 (Marks: 3)
What are the key requirements of E-commerce Software?

Question No: 21 (Marks: 3)
Write down the pseudo code for the following flow chart.

Question No: 22 (Marks: 5)
(a) **Write down two positive features of client-side scripting.**

(b) **Discuss two deficiencies of JavaScript.**

Question No: 23 (Marks: 5)

What are the key features of a word processor?