

**MIDTERM EXAMINATION**  
**CS101- Introduction to Computing (Session - 2)**

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

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\_\_\_\_\_ consists of cells arranged in rows & columns

- ▶ **Spreadsheets Software**
- ▶ Word processor
- ▶ Presentation Software
- ▶ Microsoft Paint Software

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

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\_\_\_\_\_ manages the HW and SW resources ( memory, disk drives etc) of the computer system, often invisibly.

- ▶ Explorer.exe
- ▶ System Files
- ▶ **Operating System**
- ▶ Application Software

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

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Forms can be submitted through \_\_\_\_\_ & \_\_\_\_\_ methods

- ▶ INCLUDE, POST
- ▶ INCLUDE, GET
- ▶ **GET, POST**
- ▶ SEND, POST

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

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

- ▶ CHECKBOX
- ▶ CHECK
- ▶ **INPUT**
- ▶ INPUTBOX

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

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You can \_\_\_\_\_ from/to a website containing interactive forms.

- ▶ Only read
- ▶ Only write
- ▶ **Read and write**
- ▶ Not read and write

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

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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: 7 ( Marks: 1 ) - Please choose one**

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

- ▶ background
- ▶ **bgcolor**
- ▶ backcolor
- ▶ backgroundcolor

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

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\_\_\_\_ contains the name of the protocol required to access the resource, a domain name that identifies a specific computer on the internet and a pathname on the computer

- ▶ HTML
- ▶ HTTP
- ▶ **URL**
- ▶ WWW

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

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\_\_\_\_\_ is a client program that uses HTTP to make requests to Web servers throughout the internet on behalf of the user.

- ▶ Web Application
- ▶ **Web Browser**
- ▶ Internet Application
- ▶ HTML

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

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WWW stands for:

- ▶ **Wide World Web**
- ▶ World Wide Web
- ▶ World White Web
- ▶ World Web Wide

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

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The weaknesses of the computer are:

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

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

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Floating point unit is also known as \_\_\_\_\_ unit

- ▶ Real
- ▶ Integer
- ▶ Numeric
- ▶ Fractional

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

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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: 14 ( Marks: 1 ) - Please choose one**

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----- is volatile memory

- ▶ RAM
- ▶ ROM
- ▶ Hard Disk
- ▶ CD ROM

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

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

SUM(A2:A3) = \_\_\_\_\_ (Assume that A2 = 25 A3 = 75)

- ▶ 25
- ▶ 50
- ▶ 75
- ▶ 100

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

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VisiCalc was the first popular \_\_\_\_\_ application on PC's.

- ▶ Spreadsheet
- ▶ Word processor
- ▶ Presentation
- ▶ Database

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

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\_\_\_\_\_ 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: 18 ( Marks: 1 ) - Please choose one**

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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: 19 ( Marks: 1 ) - Please choose one**

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\_\_\_\_\_ is a program that executes instructions line by line written in a high-level language.

- ▶ **Interpreter**
- ▶ Compiler
- ▶ Predictor
- ▶ Executor

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

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There are \_\_\_\_\_ rules to write the Pseudo Code.

- ▶ Standard
- ▶ **No standard**
- ▶ Strict
- ▶ Pre-defined

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

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Which one is not the building block of an algorithm?

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

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

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

- ▶ **1**

- ▶ 2
- ▶ 3
- ▶ 4

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

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A procedure that usually but not always works or that gives nearly the right answer is called\_\_\_\_\_

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

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

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A Modem is a kind of \_\_\_\_

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

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

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The memory size of the Altair 8800 was

- ▶ 128 bytes
- ▶ 128 Kilo bytes
- ▶ 256 Kilo bytes
- ▶ **256 bytes**

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

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----- was known as “mill” in Analytical engine.

- ▶ Memory
- ▶ **Processor**
- ▶ Monitor
- ▶ Mouse

**Question No: 27 ( Marks: 1 )**

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What is the key feature of object-oriented design?

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

**Question No: 28 ( Marks: 1 )**

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Write one purpose of using spreadsheets ?

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

**Question No: 29 ( Marks: 2 )**

**List down two advantages of writing Pseudo Code**

**Answers:** The advantages of pseudo code are:

- It is quite similar to human language so easy to understand.
- It is close to real code so easy to write real code from it.

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

How can we calculate total number of rows in the truth table?

**ANSWER:** The formula for calculating number of rows in truth table is  $2^n$   
Where n = number of inputs

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

Differentiate between Vector graphics and Bit-mapped graphics.

**ANSWER:**

VECTOR GRAPHICS	BIT MAPPED IMAGES
1. Treat everything as an object	1. Treats everything as a bit map.
2. Is resolution independent	2. Resolution dependent
3. Relatively small size	3. Large files
4. Example: Corel Draw	4. Example: Microsoft Paint

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

Write differences between Shareware and trial ware software.

**ANSWER:**

SHAREWARE	TRIALWARE
1. These are shared freely.	1. Software is offered for a trial period.
2. It is given without payment ahead of time.	2. When the period is expired it is no more in use.