Name :- Molika Shrestha
Class :- 8
Roll no :- 11
Subject :- Computer

Q1:

a.

→ A collection of program that tells computer what to do and how to do. is called a software.

Program is a collection of instructions to perform a specific task which is developed by a programmer.

b.

→ The development of computer that took place in 5th distict stages is known as generation of computer.

Any 2 unique features of 3rd generation of computer are :-

1. These computer uses integrated circuit
2. Operation speed was measured in nano seconds

c.

→ Utility Software is a type of software system that helps the user in maintenance of tasks.

Device driver is also a type of system software that is developed to interact with computer hardware.

d.

→ Compiler is a computer program that translates computer code written in programming language into another language.

Interpreter is a software the converts source code into

e. machine codlanguage.

e.

→ Computer is known as a diligence machine because it can perform task with same speed and accuracy witho-ut being tired

Q2-

a.

→ i. Footer

b.

→ iii. TREE

c.

→ iv Fourth Generation of Computer

d.

→ ii 4 bits

Q3-

a. Analog computer works on continuous signals.

b. The first electronic digital computer is called ABC

c. Interpreter doesn't create the object code

d. The small device with multiple ports are called hub.

Q4.

a. Mark-1 is the first electro-mechanical computer. <u>True</u>

b. Application software can run without operating system software. <u>False</u>

c. Distributed operating system is a model where distributed applications are running on multiple computers linked by communications. <u>True</u>

d. Secondary memory is not directly access-ible to CPU. <u>False</u>

Q5.

a. SMTP = Simple Mail Transfer Protocol

b. NOS = Network Operating System

c. UPS = Uninterruptiable Power Supply

d. CAI =

Q6.

a.

→ Booting

b.

→ UNIVAC-1

c.

→ Software Program

d.

→

Q7.

a. $(1001)_2 = (?)_{10}$

Solution,

Binary Number : $\overset{3}{1}\quad\overset{2}{0}\quad\overset{1}{0}\quad\overset{0}{1}$ (weight value)

Decimal Equivalent :- $1\times2^3 + 0\times2^2 + 0\times2^1 + 1\times2^0$

$= 1\times8 + 0\times4 + 0\times2 + 1\times1$

$= 8 + 0 + 0 + 1$

$= 9$

$\therefore (1001)_2 = (9)_{10} // (9)_{1011}$
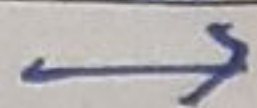
Answer

b. $(1001 + 111)_2$

Solution,

$$\begin{array}{r} 1001 \\ +\ 111 \\ \hline 10000 \end{array}$$
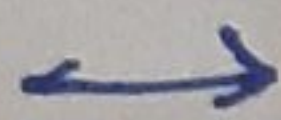
$(1001 + 111)_2 = (10000)_2 //$

Q.1.

a:

→ Computer virus is a piece of code or program designed to harm a computer that can make multiple copies of itself.

Any 2 symptoms of computer virus are:-

1. Files and ~~domu~~ documents gets disappear by itself.

2. Programs and files take long time to load.

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b.

→ Network topology is the structure of pattern of interconnected computers for sharing data and information.

Downloading is the process of transferring file or information from a web server to the user's computer.

C:

→ Any 2 benefits of computer network are:-

1. It make communication easy and fast between users.
2. It provides control and management.

Q2-

a. ~~
~~
 = To start start a text from new line.

b. <p> = To insert a block of text in page by creating a paragraph.

c. <hr> = To divide the webpage using horizontal lines.

d. <marquee> = To move text, picture or other contents inside the browser.

Q3-

a- Client = Network computer that utilizes the resources of other network computer

b URL = address of particular information on the ~~Netr~~ Internet

b. URL =

c. NIC = Card that physically makes the connection between the computer and the network cable

d. E-commerce = the process of doing business through internet.

Group C

Q1.

a.

→ The use of lasso tool is to draw a border around a selected object within an image.

b.

→ The elements of multimedia are:-

1. Images   1. Video

2. Videos   2. Audio

d.

→ Answer the following

Group I

1.

a.

→ A set of well defined sequence of acts to perform the solution of progr -am problem in finite number of steps.

b.

→ A variable is a symbolic unique name that occupies space in the computer memory.

c.

→ The purpose of looping is to repeat the same, or similar, code a a number of time.

2.

Output

Sum of natural number is

Q3.

CLS

Q4.

CLS
Input "Enter length"; L
Input "Enter breadth"; b

Q3= REM to check whether the input
number is odd or even
CLS

Input "Enter the number"; A
IF A MOD 2=0 THEN
PRINT "Even Number";
ELSE
PRINT "Odd Number";
END IF
END