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Class: VII S Roll no. 8

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Subject: Computer.

Subject teacher = imtsau.

Group A

Qn. 1 a)

Answer A set of program is called software
Program is a set of instruction
to perform a ~~task~~ task which is
developed by a programmer

Qn. 1 b)

The development of a computer over
~~operated~~ using different technology
in five distinct stages is called
Generation of computer.

Any two unique features of
third generation of computer is
1) It uses integrated circuitry
the main electronic components



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The operating speed is measured in nanoseconds nanoseconds

(Qn-1)c

Utility software is a software designed to interact with computer hardware, perform maintenance work of computer system.

Device driver is a type of system software designed to interact with computer hardware.

(Qn-1)d

Compiler is a language translator program that converts program written in high level language into its equivalent machine language at a time.

Interpreter is a language translator program that converts program written in high-level language into its equivalent machine language line by line.

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Qn. 1)

Ans: Computer is called intelligent machine because computer can perform repetitive task without getting tired.

Qn. 2)

a)
scr:

Footer

b)
scr:

TREES.

c)
Ans:

Fourth generation of computer

d)
Ans:

n bits.

Qn. 3)

a) Analog computer works on continuous signals.

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classmate

Date

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- b) The first electronic digital computer called ABC.
- c) Interpreter does not create the object code.
- d) The small devices with multiple ports are called hub.

Qn. 4

- a) Mark-I is the first electro-mechanical computer. (True)
- b) Application system software can run without operating system. (False)
- c) Distributed operating system is a model where distributed applications are running on multiple computer linked by communication. (False)
- d) Secondary memory is not directly accessible to CPU. (True)

Qn. 5

SMTP = Simple Mail Transfer protocol
NOS = Network Operating System

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UPS = Uninterruptible power source

CAI = Computer Assisted Instruction

QN-6

a)
⇒

Booting

b)
⇒

UNIVAC-I

c)
⇒

Application software.

d)
⇒

Output devices of computer

QN-7.

i)
⇒

Here, $1001_2 = 1 \times 2^3 + 0 \times 2^2 + 0 \times 2^1 + 1 \times 2^0$

$$(110)_2 = (1001) - (1)_2$$

Now,

$$(1002)_2 = 1 \times 2^3 + 0 \times 2^2 + 0 \times 2^1 + 1 \times 2^0$$

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$$= 1 \times 8 + 0 \times 4 + 0 \times 2 + 1 \times 1$$

$$= 8 + 0 + 0 + 1$$

$$= 9.$$

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

b) $(1001 + 111)_2$

~~1001~~

~~+ 111~~

~~2001~~

~~1001 0~~

~~+ 100100~~

~~1001~~

~~+ 111~~

~~10000~~

~~10011~~

$$\therefore (1001 + 111)_2 = (20000)_2$$

Group B

QN. 19

Answer: Computer virus is a ~~dog +~~ destructive program that corrupts other programs.

Any two symptoms of computer virus is

- i) Change the size of disks and files
- ii) Files takes long time to load.

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(QN 1 b)

The structure or pattern of interconnected computers for sharing data and information is called network topology.

Downloading

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

(QN 2 c)

The benefits of a computer network is

It allows the user to exchange data and files.

It makes communication easier and smoother.

QN 2

The use of
 is: to break the line.

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b) Lhr

⇒ The use of Lhr tag is to mark text by creating paragraph.

c) (hr)

⇒ The use of (hr) tag is to create horizontal line across the page.

d) {marquee}

⇒ The use of {marquee} tag is to move text or picture inside inside web browser.

Qn. 3

Column A

Client

URL

Column B

network computer that utilizes the resource of other network

~~other~~ computers

address of particular information on the Internet

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NIC

Card that physically makes the communication between the computer and the network cable.

E-commerce

the process of doing business through Internet.

Group

(N-10)

The use of lasso tool is to make a free selection for ex as you move mouse over the picture

(N-16)

The elements of multimedia

) Text

) image

) video

) Audio

) Animation

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Group D

(Qn 1a)

Answer: ~~Algortihm~~ Algorithm is defined as a programming tool used to develop a program solving logic step wise.

(Qn-1b)

Answer: Variable is a ~~asym~~ symbolic unit name that occupies space in the computer's memory for storing data temporarily.

(Qn-1c)

Answer: The purpose of loop is to repeat same or similar code a number times

Qn. 2

Output

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QN-3.

RBM to check 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.

QNo. 4.

CLS

~~INPUT~~ "Enter the length of rectangle" A

INPUT "Enter the breadth of rectangle" B

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$$P = 2(L + B)$$

PRINT "The perimeter of a rectangle is",

b)