

Name :- Deeya Rokka

Subject Teacher's Name:- Keshav Bandari

Subject Name:- Keshav Bandari

Page number :- 1

Date:- 2078 | 01/30

### Group 'A'

a.)

a.

→ Software is a set of instructions, data or programs used to operate computers and execute specific tasks.

A program is executable software that runs on a computer. It is similar to a script, but is often much larger in size and does not require a engine to run.

b.

→ Computer generation refers to the development of the technology used in manufacturing of the computer.

The two unique features of third generation of computer are:-

Name:- Deeya Rokka

Subject Teacher's name :- keshav bandari

Subject Name :- Computer

Page number:- 2

Date:- 2078/01/30

- i. They used integrated circuit as the main electronic component.
- ii. They were much smaller and vast improvement than second - generation computer.
- iii. They used assembly and high-level languages for programming.

c.  
→ Utility software is a type of system that helps the user in maintenance tasks.  
Device driver is also type of system software designed to interact with computer hardware.

Name:- Deeya Rokka

subject Teacher's Name:- Keshav Bandari

Subject :- Computer

Page number :- 3

Date:- 2078/01/30

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.

e.

→

Name:- Deeya Rokka  
S.I.

Subject Teacher's Name :- Keshav Bandari

Subject:- Computer

Page number :- 4

Date : - 2078/01/30

①.2)

- a. The text that appears at the bottom of every page in a document is called

  - i. Header
  - ii. Footer
  - iii. Footnote
  - iv. Endnot

b. Which of the following is not an internal command?

  - i. MKDIR
  - ii. Date
  - iii. TREE
  - iv. VER

c. Computers that used microprocessor as CPU components.

  - i. First Generation
  - ii. Second Generation
  - iii. Third generation
  - iv. Fourth generation.

Name :- Deeya Rokka

Subject Teacher name :- Keshav Bandari

Subject :- Computer

Page number :- 5

Date :- 2078/01/30

d. 1 Nibble equals to

i. 1 bit

ii. ~~4~~ bits

iii. 8 bits

iv. 16 bits.

Q.3)

- 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 devices with multiple ports are called HUB

Name:- Deeya Rokka

Subject Teacher name:- Keshav Bandari

Subject:- Computer

Page number:- 6

Date:- 2028/01/30

a.u)

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

a.s) ~~Wx~~

- a. SMTP :- simple mail transfer protocol
- b. NOS:- Network operating system
- c. UPS:- Uninterruptible Power supply
- d. CAI:- computer - assisted Instruction.

7

Deeyaa Rokka

a.c)

a.

→ Booting or computing

b.

→

c.

→ Application software.

d

→

e  
= Q.7)

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

$$\begin{aligned} & 1 \times 2^3 + 0 \times 2^2 + 0 \times 2^1 + 1 \times 2^0 \\ & = 1 \times 8 + 0 \times 4 + 0 \times 2 + 1 \times 1 \\ & = 8 + 0 + 0 + 1 \\ & = 9. \end{aligned}$$

8

Deeya Rokka



b.

$$(1001 + 111)_2$$

$$\begin{array}{r} 1001 \\ + 111 \\ \hline 10000 \end{array}$$

$$\begin{array}{r} 1001 \\ + 111 \\ \hline \end{array}$$

Group 'B'

Q.)

a.

→ A computer virus is a destructive program that corrupts other programs.

The two symptoms of computer viruses are:-

- i. Programs disappear from the computer.
- ii. Change the size of disks and files

b.

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

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

c.

→ The benefits of computer network are:-

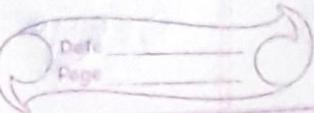
- i. It allows exchanging data and software between computers
- ii. It provides the centralized control and management.

Q.2)

a. <br> :- This tag is used to for inserting a link break.

b. <p> :- It is used for inserting a block of text in your page by creating a paragraph.

c. <hr> :- that create a horizontal line across the page.



\* <marquee> :- It is used to move text, picture inside the browser.

Q.3)

- a. File Client → network computer that utilizes the resources of other network.
- b. URL → address of particular information on the internet.
- 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.

(11)

Deeya Rokka

Date \_\_\_\_\_  
Page \_\_\_\_\_

Group :- C

Q. a)

a.

→

b.

→ The elements of multimedia are:-

- Text
- Image
- Audio
- video
- animation

Group :- D

a-i)

a.

→ A set of well defined sequence of acts to perform the solution to a problem in a finite number of steps is called algorithm

(12)

Deeya Rokka



b.

- A variable is a symbolic unique name that occupies space in the computer's memory for storing data temporarily.

c.

↓  
Q.2)