

NAME: IRTIZA KASHIF SIDDIQUI

CLASS: BA.LLB BATCH 11

SUBJECT: SKILLS DEVELOPMENT

SEMESTER: 1

Ans1) difference between system software and applications software:

SYSTEM SOFTWARE :

- 1] It is the kind of software which is the interface between the application software and system.
- 2] The kind of software is written in low level language.
- 3] It is used for operating computer hardware.
- 4] System software is hardware so the don't interact with the user.
- 5] This is installed on the computer when the operating system is installed.
- 6] System software can run independently.

APPLICATION SOFTWARE:

- 1] It is the kind of software which runs according to the user.

- 2] This kind of software is written in high level language.
- 3] It is used by users to perform any specific task they want.
- 4] User can interact with this as this user interaction is needed at each and every point.
- 5] Users can install them as according to their choice.
- 6] This can run independently but they need the presence of system software.

- Ans1b) difference between analog computer and digital computers:

| | |
|---------------------|----------------------|
| Analog Computers | digital computers |
|---------------------|----------------------|

- | | |
|---|---|
| <ol style="list-style-type: none"> 1)Analog computers works with continuous values or these types of systems process continuous data. 2)Speed of analog computers is less than the digital computers. 3)Analog computer has very low or limited memory and it can store less amount of data. | <ol style="list-style-type: none"> 1)Digital computers works with discrete values or these types of systems process discrete data. 2)Speed of digital computers is more than the analog computers. 3)Digital computer has very big memory it can store large amount of data. |
|---|---|

4)Analog computer has no state.

4)Digital computer has On and Off these 2 steps.

5)Analog computers are less reliable than digital computers.

5)Digital computers are more reliable than analog computers.

6)Its performance is comparatively low.

6)Its performance is very high.

7)Its speed of processing is not so high.

7)Its speed of processing is very high.

8)Analog computers depends upon physical variations.

8)Digital computers does not depend upon physical variations.

Ans2) basic operations of computer :

There are four basic operations of computer :

1] input operation

2] processing operation

3] storage operation

4] output operation

1] Input operation: A computer is desktop processing machine. Users enter data and instructions in computer through keyboard or mouse. It can also be provided by the computer from other storage devices such as hard disc, CD or USB memory. The input data or instructions are stored in memory for further processing.

2] Processing operation: Microprocessor processes the data according to the instruction given to it. The microprocessor fetches the data from the memory and stores it in instruction register. The computer then decodes the instruction to find out which operation is to be performed. After decoding the instructions, it's send signal to other parts of computer to execute it.

3] Storage operation: The results produced after processing are stored in memory before they are sent to output device or permanent storage device like hard disc.

4] output operation: The results of data processing stored in memory must be output so that they can be seen by the user but. The control unit displays the results on the monitor or print it on the printer. Results can also be saved in a storage device such as hard disc for future use.

Ans2b) OBJECTIVES OF OPERATING SYSTEM:

the main objectives of the operating system are convenience and efficiency.

1] It makes computer more convenient to use .

2] It allows computer resources such as cpu, memory, Input /output devices and Internet to be used in an efficient manner.

3] It can be viewed as a resource manager.

ans3) Problems a student may face if no antivirus is installed:

- damage or delete files.
- reformat hard disk.
- frequent hard disk.
- data loss.
- inability to perform any task on the computer or the Internet.
- erase on entire hard disk.
- destroy data files.

A virus can inflict as a whole lot harm as forcing you to buy a brand new computer. Because your old pc has been broken beyond repair. Not having a protecting mechanism for your pc gadget is like inviting viruses on your laptop by way of providing them with a clean and accessible entrance.

Will you ever want to harm your computer? With your own hands if no then get a antivirus software program in your pc as soon as possible so you can use your laptop without the steady worry or falling prey to a virus attack.