**SUMMER VACATION HOMEWORK FOR CLASS 6TH**

**computer Language**

Feature of Computer Language

|  |  |
| --- | --- |
| Name of Language | Feature of Language |
| Machine Language | ·         Uses binary codes to depict operators and data  ·         Machine – Dependent  ·         Only language directly understood by a computer |
| Assembly Language | ·         Mnemonic codes or symbols instead of binary Numbers.  ·         Machine- Dependent  ·         Has to be converted into Machine language by translator programs (Assemblers) |
| High Level Language | ·         Uses English words and mathematical operators.  ·         Machine- Independent.  ·         Has to be converted into Machine language by Translator programs (Interpreters and Compilers) |
| 4GL | ·         Machine Independent.  ·         Minimal user skills required to obtain results  ·         Application development tool |

**FILL IN THE BLANKS:**

1. A **................** is a set of instruction which tells the computer what to do.
2. The development of computer languages can be classified into **....................** categories.
3. **...................**language consists of seat of binary numbersi.e.0 and 1.
4. **...................**was the first interactive computer games.
5. ..................uses simple English words and mathematical operators.
6. **.....................** language uses mnemonic codes or symbols.
7. **...................**was the first computer language for writing artificial intelligence programs.
8. In binary language, 0 means**........**and 1 means **..........** state.

REPORT THIS AD

**State True and False:**

1. Machine language is the only language which a computer understands.**(...........)**
2. machine  language uses mnemonic codes     (**............**)
3. Each programming language has its own specific rules. (............)
4. Compiler converts a high level language program into machine language , line by line. (**............**)
5. High level language program has to be converted into machine language by translator programs. (**...........**)
6. Fortran language was designed for business users. (**............**)
7. Programming is the process of writing specific instructions in a computer language. (**..........**)
8. Machine language uses mnemonic codes. (**............**)

**Multiple Choice Questions:-**

1. A program written in the assembly language is called \_\_\_\_\_\_\_\_\_\_\_\_\_ .
2. A) Assembler b) Source Program                   c) Object Program
3. An \_\_\_\_\_\_\_\_\_ converts a high leavel language program in to machine language , line by line,
4. A) Assembler B) Complier                             C) Interpreter
5. The program converted into machine language by the translator is called\_\_\_\_\_\_\_\_.
6. a) Source program b) Object Program                  c) Assembler
7. The term software was first used by \_\_\_\_\_\_\_\_\_\_\_\_ .
8. a) John Mc Carthy b) John W. Tukey                     C) John von Neumann

**Application based Question.**

1. 1. Kapil’s aunt was a computer program during the third generated of computer language. Which kind of language did she use them?

Answer:-

Q.2. Sumit is trying his hand in java programming , but he does not know which type of language it is. Help him to solve his Query.

Answer:-

**Answer the following :-**

Q.1. What do you mean by Machine Language?

 Q.2. How is Assembly language different from Machine language?

Q.3. What are the feature of High Laver Language.

Q.4. Differentiate between an interpreter and a compiler.

Q.5. List any three characteristics of the Fourth Generation language.

Answer:-

* Highly user friendly and independent of any operating system.
* Very high speed of execution. Designed to recue level of programming efforts.
* Minimum efforts from the user to obtain any information.

\*\*\*Lesson:- 2

**More on Windows 7**

**Fill in the blanks:**

1. Microsoft Windows Media Player is used to run and **organize** digital media files on a computer.
2. Ripping refers to **Copying** songs from a CD to a computer.
3. **Windows 8** is the latest version of Windows.
4. Windows Mobile software empowers advanced devices that allow the users to **Send** and **receive** e-mail and browse the internet.
5. In **Pictures** folder, you can store digital photos images and graphic files.

**State True or False:**

1. Windows 8.2 is the forthcoming version of Microsoft’s Windows Operating system. **False**
2. Disk Cleanup is used to remove the unnecessary files from a computer hard disk. **True**
3. Sound recorder facility is available in Windows Media Player folder**. False**
4. Windows 7 allows the users to display two windows side by side. **True**
5. Burning a CD and ripping a CD is one and the same thing**. False**

**Multiple Choice Questions:-**

1. To free up disk space and help your computer to run faster, use\_\_\_\_\_\_\_\_\_ .

(a)Windows Media Player         (b**)Disk Cleanup**                      (c) Windows Media Center       [**B**]

1. The \_\_\_\_\_\_\_\_ feature allows you to turn the open windows transparent and makes desktop screen visible.

**(a) Aero Peek**                          (b)Jump Lists               (c) Windows Media Center       [**A**]

1. \_\_\_\_\_\_\_\_\_ is a new feature in windows 7 which takes you right to the documents, Pictures web site that you use frequently.

(a) Peek                                    (b)Rip                          (c)**Jump List**                        [**C**]

Application Based Question:-

Qus. 1. Satita want to record her voice into the computer. Which device will you suggest her to use to perform the operation

**Answer:- Suggest for Sound Recorder system.**

Qus.2. Kritika has made her computer project. She has saved it on her computer, but forgot the location where she had saved it. Suggest her best way to search her project.

**Answer. Click on Start Button. Go to Run and type the name of project and press enter key.**

**Answer the following :-**

Q.1. What do you understand by Windows Media Player?

Answer:-Windows Media Player (WMP) is a software application from Microsoft used to play, store and organize digital audio, images and video. While earlier editions of WMP were released for PC s running a variety of operating system operating systems, including Windows Mobile.

Q.2.  Differentiate between ripping and burning features.

Answer:- “Ripping” refers to extracting audio files off a CD and copying them to your hard drive. After ripping the audio, you can then convert the files to the more compressed MP3 format if you want.

“Burning” refers to the process of writing data onto a CD. You can burn both audio and data CDs, as well as DVDs, provided your computer has a CD/DVD burner.

Q.3. What is the utility of windows media Center.

Answer:- It can play and record live television, and organize and play digital images, music and video. Media Center can play slideshows, videos and music from local hard drives, optical drives and network locations.

Q.4. How will you display two application windows side by side?

Answer:-Click and Drag on the top [title bar](http://www.computerhope.com/jargon/t/titlebar.htm) of the first window so your mouse pointer hits either the left or right side of your screen. Let go of the window when you see the outline of the window re-size to ½ of the screen.

Then choose the other window you want to view on the side of the first window. Click and Drag the 2nd window to the opposite side of the screen until the mouse pointer hits the side of the screen and resizes to the other ½ of the screen.

Q.5. What is meant by the term disk cleanup?

Answer:-Aside from removing unnecessary files, users also have the option of compressing files that have not been accessed over a set period of time. This option provides a systematic compression scheme.