

Computer Language

1. List the different generation of programming languages.

Ans: The different generation of programming languages are –

- 1) First Generation Languages -1GLs (Machine language)
- 2) Second Generation Languages-2GLs (Assembly Language)
- 3) Third Generation Languages-(3GLs) (High Level Languages)
- 4) Fourth Generation Languages-(4GLs) (Query languages)
- 5) Fifth Generation Language-(5GLs)

2. What is a high-level language? Give examples.

Ans: High-level languages are programming languages which are used for writing [programs or software](#) that can be understood by humans and computers. High-level languages are easier to understand for humans because they use a lot of symbols letters phrases to represent logic and instructions in a program. It contains a high level of abstraction compared to low-level languages.

The different high-level languages are FORTRAN, COBOL, BASIC, PASCAL, PL-1, Java, Python and many others.

3. List types of application software.

Ans: There are many different types of application software. Page 15 of 58

General purpose: Microsoft Word, Microsoft Excel, MS PowerPoint, Photoshop etc.

Customized: Invoice Management System, Airline Reservation System etc.

Utilities: Antivirus, Memory tester, Disk partitioning and Disk defragmenter etc.

II. Fill in the blanks

1. The binary language of 1 and 0 is known as Machine Language.
2. 4GLs are non-procedural that focuses on What of the problem.
3. Operating system (OS): Operating system manages resources of Computer.
4. MS-Windows is operating system.