

Emmanuel School

Sub – Computer By- Ankesh Kumar
Class- 7th

Chapter-1

A. Choose the correct answer.

Answers

1. b) interpreter
2. b) open-source software
3. d) Database management software
4. c) Yottabyte

B. Fill in the blanks. (Answers)

1. Operating system
2. Proprietary
3. Petabyte, zettabyte
4. Utility
5. Open-source

C. Choose the odd one out. (Answers)

1. Disk cleanup
2. Access
3. iOS
4. Excel
5. Adobe InDesign
6. PowerPoint

D. State True or false. (Answers)

1. False
2. False
3. True
4. True
5. False

Q. Differentiate between the following:

a) High Level Language: It is the type of computer language in which programs are written using simple English words with mathematical and some special symbols. Writing and debugging of programme is easy. It requires translator (interpreter or compiler) to execute the programme.

Machine level Language: It is the language in which instructions and programmes are written in the form of 0 and 1. So there is no need of translator and easy to execute because it is directly understood by machine.

b) Compiler : It is the translator to translate all the high level language programme into its machine code. It translates whole programme at a time. Debugging of programme is a little bit difficult and it creates an object programme.

Interpreter: It is the translator to translate the high level language programme into its machine code in line by line manner. It doesn't create object programme. When we use programme again, programme will again be translated.

c) System Software: It is used to control all the operations of computer and its peripherals. And to make communication bridge between user and computer. It also provides the facility to manage memory, files, folders etc and makes data and instructions in the form which computer can understand. Like operating system, High Level Language, Translators etc.

Application Software: It is software that is used by the user and designed to perform a specific job. And it is used on the platform of the system software. Without system software we can't use the application software on the system. Example, Word processor, spreadsheet, DBMS, DTP software, Multimedia software, Payroll, Inventory, School Management, Hospital Management, Railway Reservation etc.

Q. What are the two categories of application software? Name and define them by giving suitable examples of each.

Two categories of Application Software : a) General Purpose b) Specific Purpose

a) *General Purpose application Software:* It is designed to fulfill the requirements and needs of general people. Some examples are

i) Word processing software : it is used to create documents for letters, reports, stories, theses etc. Example MSWORD, Wordperfect, Writer etc.

ii) Spreadsheet: it is used to enter the data in form of columns and rows, so that we can calculate, manipulate and analyse the data, also create graphs.

iii) DTP (Desktop Publishing) Software: This type of software is used to design brochures, journals, newspapers etc. Examples are Pagemaker, Corel Draw, Quarkexpress.

iv) Multimedia, Graphics, Presentation: This type of software uses the images, audio, video also text. So we can make presentation in dynamic manner. Example are Adobe Director, Powerpoint, Impress etc.

b) *Specific Purpose Application software*: It is designed with the help of system software and for the specific requirement of any person or organisation. Also known as customized software. Accounting software, Rail, Air, Bus Reservation Software, Payroll, School Management, Hospital Management, Hospitality Management, Billing System etc.

Q. Name any two functions performed by operating system.

Two functions of any operating system are:

- a) It make communication Bridge between the computer and the user.
- b) It co-relate all the different input device, output device and CPU & all its components to perform the job efficiently.

Q. What is the advantage of an open source software?

Open source software is designed by the organisations and distributed under a licensing arrangement that allows the source code to be accessible to the users, so that they can study and change it to achieve a new level of quality and innovations. Mostly it is available free of cost. Examples: OpenOffice, GIMP

Assignments for Chapter One:

Make it on your Exercise book. After that Click it and send to alpha.mfp@gmail.com for check.

(Also mention your ID no. and name on assignment Page)

- Q1: Write about Binary Number System and Decimal Number System?
- Q2: Complete the HOTS of Page no 17.
- Q3. Complete practice zone of page no 12.
- Q4. Unit of Memory table : on page 5. Please read and Write it.
- Q5. Do the following after Viewing Video Lectures of Computer Class VII?
Q. No. E and F on the page 17.