HOME ASSIGNMENT
Class VII Ch-1 Assessment zone (HW-4)

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A. Choose the correct answer.

1. Which type of software converts and executes the source code of a high-level language program line by line?

   a) Compiler b) Interpreter c) Assembler d) Operating System

2. A type of software that allows the source code to be accessible to the users and organisations are called _____.

   a) Proprietary software b) Open-source software
   c) Desktop Publishing software d) Language Processors

3. A software program that let us store large amounts of data in an organised manner and provides tools for searching data and generating reports based on conditions is called _____.

   a) Spreadsheet software b) Desktop Publishing software
   c) Graphics software d) Database Management software

4. Which among the following is the largest unit of measurement of memory?

   a) Petabyte b) Gigabytes c) Yottabyte d) Terabyte

B. Fill in the blanks using the words given in the box.

petabyte	operating system	utility	Proprietary	zettabyte	Open-Source

1. The _____ is an interface between the user and the hardware.
2. _____ software is a computer software for which there are restrictions on use, modification, copying or redistribution.
3. One _____ is equal to 1024 Terabyte whereas one _____ is equal to 1024 Exabyte.
4. The _____ software performs maintenance work on a computer system to help in its smooth functioning.
5. Ubuntu, an Operating System, is an example of _____ software.

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C. Choose the odd one out.

1. Complier, Assembler, Interpreter, Disk Cleanup
2. Linux, Windows, Android, Access
3. Billing System, iOS, Ticketing System, Inventory Control System
4. QuarkXpress, Photoshop, Antivirus, Excel
5. Mozilla Firefox, Openoffice.org Writer, Audacity, Adobe InDesign
6. Visual Foxpro, Access, Oracle, PowerPoint

D. State whether the following statements are True or False.

1. A computer can work without an operating system. _____
2. Application software is used to control the operations of a computer. _____
3. High-level language programs have to be converted to machine language using an interpreter or compiler. _____
4. An antivirus program is an example of utility software. _____
5. Payroll software is an example of general purpose application software. _____

E. Convert the following decimal numbers to their equivalent binary form.

1. 126
2. 76
3. 172
4. 512

F. Convert the following binary numbers to their equivalent decimal form.

1. 111110
2. 110001
3. 1010011
4. 11101011