

Answers

Q1. Indicate whether the following statements are True or False

- a) Software can work without hardware and vice versa. **False**
- b) RSI affect the neck and shoulders. **False**
- c) Computers cannot understand human languages. **True**
- d) The operating system is the most common application software. **False**
- e) We should not turn on our computer during thunderstorm and lighting. **True**
- f) You should always have drinks near the computer. **False**
- g) Softcopy is information printed on paper. **False**
- h) Spreadsheet is an application software. **True**

Q2.

- a) **Hardware** is the word used to describe devices. These are the parts of the computer system you can touch and see. Hardware includes the parts you can see from the outside and also the parts inside the boxes, whereas **software** is a collection of code installed onto your computer's hard drive.
- b) **System Software** is the type of software which is the interface between application software and system whereas **Application Software** is the type of software which runs as per user request. It runs on the platform which is provide by system software.
- c) Give an example of :
 - i. Application Software : **Word Processing, Ms Paint**
 - ii. System software: **Linux, Windows 8,10**

Q3. Tick where appropriate in the following table.

	Hardware	Software
Joystick	✓	
Ms Paint		✓
Antivirus		✓
Monitor	✓	
Ms Excel		✓
Printer	✓	
Scanner	✓	
Processor	✓	
Word Processor		✓
Internet Explorer		✓

Q4.

- a) A bit stands for Binary Digit. It is the smallest unit of measurement used to represent computer data .It contains a single binary value of '0' or '1' called binary digits.
- b) The byte is the number of bits used to encode a single character of text in a computer and for this reason it is the smallest addressable unit of memory in many computer.
- c) There are **1024 bytes** in one kilobyte.

Q5.

a)

Advantage and disadvantage of using touch screen devices.	
Advantages	Disadvantages
Having less or not buttons means that you can put more effort into having a big screen	The screen has to be big enough to be able to touch the buttons without missing
Touchscreen devices usually have more simple user interfaces Ex. Ipod Apps	They usually cost more than ordinary devices

b) **Two advantages of using a digital camera over traditional film camera.**

- Lower initial cost than for a comparable digital camera
- No power or batteries needed. Long trips and cold conditions can be limiting for digital cameras.

Q6. Match column A and Column B, and write the correct answer in column C. One has already been done as example for you.

Column A		Column B		Column C
A	Keyboard	1	A small group of bits treated as a unit	A-3
B	Digital Camera	2	A device used for playing games on the computer	B-4
C	Byte	3	Enter text	C-1
D	Program	4	Is used to capture images in a digital format	D-6
E	Joystick	5	A solid state electronic flash memory data storage device.	E-2
F	Flash Memory	6	A set of instruction to do job or task	F-5