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1. Any job that requires users to be mobile e.g. a sales rep.

2. You should always aim for a more powerful computer which meets the recommended requirements (and higher) and not just the minimum requirements to be able to run the software effectively and efficiently.

3. RAM, storage (hard drive, etc.) and the processor

4. a) CPU
   b) It the name of the manufacturer (Intel) and the model of the CPU (i7).
   c) Modern CPUs often have multiple cores (e.g. 4 in a quad-core) which in this case is like having four processors on the chip.
   d) It is the ‘speed’ of a processor is measured in Gigahertz (GHz).

5. Gaming, 3D-graphics, large databases and spreadsheets and photo and video editing, etc.

6. Memory (RAM) 22

7. If you use more than 4 GB of RAM, you will need to make sure that you are using a 64-bit version of an operating system, otherwise you won’t be able to access the entire amount of RAM you have.

8. This is because, with more memory, more data and programs can be loaded for processing at the same time.


10. a) Speed
    b) They are generally smaller in capacity and are a lot more expensive.

11. Flash drives, external hard drives and even the Internet are used to transfer and back up information. Software is mainly bought online and downloaded rather than distributed on optical discs.

12. It means that the drive is compatible with most disc formats and that it can read and write (or burn) information to DVD and CD discs using a number of different formats.

13. They can transfer data at much faster speeds.

14. WiFi

15. Fax, scanning, copying, etc.

16. They have access to their data at any time, provided there is an Internet connection.

17. a) They are used for high speed data and video connections, so she could have used it to transfer video from a recording device to her computer.
    b) Video files take a lot of space, so a large hard drive will be needed.
    c) It is a controller built onto the motherboard for graphics processing.
    d) No. For video editing, you would need a separate graphics card with lots of memory of its own (not sharing or using normal RAM) as video editing applications need a special graphics card used for sophisticated graphics processing.

18. Power users such as gamers, video editors, photographers and architects.

19. To scan documents and convert them into editable text.
20. Any three of:
- Braille keyboard
- Braille 'display'
- Magnification devices
- Large-key keyboards
- Braille printers

21. ICT can allow a teacher to present a class remotely using real-time or recorded video, online materials and exercises, etc. This increases access to quality teachers and their resources.

22. Google Voice Search allows people to search using Google by speaking to a smartphone or computer.

23. Any three of:
- They will make more use of sensors (such as GPS technology)
- They will be designed to be mobile.
- Their battery life should be longer than today.
- They will be designed to be constantly connected and communicating.
- They will combine new technologies to allow easier and more effective input and output.