

#Year 6 - Unit -5 - Answers

1. Write 2 positive features of a desktop computer

- High performance for demanding tasks like gaming and video editing.
- Safer to use for long periods as it stays in one place on a desk.

2. Write 2 negative features of a desktop computer

- Not portable.
- takes up a lot of space.
- Generally, more expensive than other digital devices.

3. What is a multi-role device?

A multi-role device is one that has a range of functions, such as running multiple applications, connecting to the internet, and being used for work, play, communication, and more (e.g., tablets, smartphones).

4. Which of these multi-role devices is the least portable? (desktop computer, laptop, tablet, smartphone)

Desktop computer

5. What is “RSI”, explain it.

RSI stands for Repetitive Strain Injury.

It is caused by using a keyboard or mouse for a long time,
or having the desk at the wrong height,
leading to pain or injury in the wrists.

6. Explain how you might injure your neck using a tablet device

Looking at a tablet that is not set at the correct angle and
lack of movement can lead to neck injury and muscle strain.

7. Write 3 key things that will help to minimize your risk of injury when using a desktop computer at a workstation

- Sit in a comfortable typing position.
- Keep the top of the monitor level with your eyes.
- Ensure your back is firmly supported.

8. What is e-waste? Explain.

E-waste means electronic waste.

It consists of devices that no longer work and cannot be refurbished.

9. Explain why there may be increased e-waste as devices become more technical and advanced

Advances in technology mean more devices are available and used worldwide.

New models are released frequently, and complex devices are difficult to repair,
so more devices are thrown away.

10. Gold can be found in most modern devices, such as smartphones, laptops and tablets.

In these devices gold is used:

a) for connectors and contacts inside the device

11. Where is a lot of e-waste recycled?

A lot of e-waste is recycled in the Global South,
such as West Africa or parts of Asia.

12. Explain what hazards are involved in recycling e-waste

Hazardous or toxic materials can cause health problems if not handled carefully.

Recycling often happens in poor conditions, causing harm to local people and the environment.

13. Give 4 suggestions of how we can reduce the amount of e-waste that we produce

- Reduce the quantity of electronics we buy.
- Reuse electronics by giving them to someone else.
- Recycle electronics we no longer need.
- Repair broken devices instead of throwing them away.

14. Give an example of how you can reuse a tablet device instead of throwing it away

Give your old tablet to someone else to use if it still works, even if it is a bit slow.

15. How can using cloud storage for storing files help reduce e-waste?

Using cloud storage reduces the need for hard drives and other storage devices, which helps reduce e-waste.

16. Which of the following is not required when planning a document?

b) spelling and grammar tools

17. When you are designing a leaflet, you need to consider many things.

a) What is meant by the term ‘target audience’

The target audience is the group of people the leaflet is aimed at (e.g., adults who buy devices, but also of interest to younger people).

b) Explain what a font is.

A font is the style of text used in a document.

c) Which app would NOT be appropriate for creating a leaflet

d) spreadsheet application

18. What does “page orientation” relate to?

a) whether the document is shown portrait or landscape

19. Why would a student need to use the text wrap feature when positioning a picture?

a) to position the text around an image properly

20. Explain what is meant by plagiarism

Plagiarism is taking other people's work and pretending it is your own. You should always paraphrase and write in your own words.