

Grade - 6

Unit - 5

Health and Safety

1). Write 2 positive features of a desktop computer

2). Write 2 negative features of a desktop computer

3). What is a multi-role device

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

5). What is “RSI”, explain it.

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

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

8). What is e-waste , Explain.

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

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
- b). for decoration outside the device
- c).as a way to keep price high
- d).in the screen of new devices

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

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

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

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

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

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

- a). position of text boxes
- b). spelling and grammar tools
- c). page orientation
- d). position of images or graphics

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

a). What is meant by the term 'target audience'

b). Explain what a font is.

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

- a). publishing application
- b). presentation application
- c). word processor application
- d). spreadsheet application

18). What does "page orientation" relate to?

- a). whether the document is shown portrait or landscape
- b). the font and style choices
- c). the background colour
- d). the content theme of the document

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
- b).to change the font in the document
- c).to change the colour or size of an image
- d).to change the colour or size of the text

20). Explain what is meant by plagiarism

21).

Scenario 1

Stephen works as a plumber and is always on the move. He needs a device to complete paperwork on site when a job is complete.

Choice of device: _____

Useful feature: _____

Advantage: _____

Disadvantage: _____

22).

Scenario 2

Neena's grandparents are starting to explore the internet for the first time. They have asked her to choose a device they can share and carry around the house.

Choice of device: _____

Useful feature: _____

Advantage: _____

Disadvantage: _____

23).

Scenario 3

Olivia is a video blogger who creates videos when visiting pop concerts. She needs a new device to use for an upcoming festival.

Choice of device: _____

Useful feature: _____

Advantage: _____

Disadvantage: _____

24).

Describe a negative effect that using devices can have on the following parts of the body.

a) Eyes:

b) Back:

c) Neck:

d) Wrists:

25).

Complete the paragraph below about injuries that are possible when using a desktop computer. Use the words in the word bank to help you.

Word bank					
exercise	height	mouse	regular	repetitive	wrists

Sitting and using a keyboard or _____ for a long period of time, or having the desk at the wrong _____, can lead to _____ strain injury (RSI). This causes pain in the _____ and hands. It is important to _____ them and come away from the desk at _____ intervals.

26).

Describe what possible health problems someone might suffer from in the following scenarios.

a) Using a smartphone in bed before going to sleep:

b) Working on a laptop while sitting on a sofa:

c) Sitting in the same position for a long time while typing:

27).

Match the filmmaking terms to the correct descriptions.

close-up, wide, pan

splicing video

fade and wipe

storyboard

plan of shots, movement and backgrounds

types of transition

types of camera shot

combining two or more clips into one clip

- 28). Describe the difference between recycling and refurbishing an electronic device.

- 29). List three materials that can be found inside a modern computer.

1.

2.

3.

- 30). Put the following stages of the life cycle of a smartphone into the correct order by numbering them from 1 to 5.

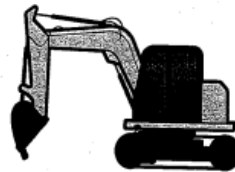
☐ smartphone in use



☐ thrown away or recycled



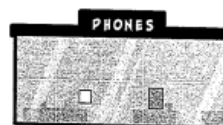
☐ locate and mine materials



☐ processing and manufacturing



☐ packaging and selling



31).

Which of the following are either rare or hazardous materials?
Tick **two** boxes.

- A mercury
- B carbon
- C indium
- D oxygen

☐
☐
☐
☐

32).

For each of the following statements, describe how they might help reduce e-waste or have a positive environmental impact.

a) Donate or sell an old device:

b) Protect devices from damage:

c) Use cloud storage:

d) Be more energy efficient:

33).

Repetitive strain injury (RSI) can be caused by poor positioning of which device?

- A web camera
- B keyboard
- C monitor
- D printer

☐
☐
☐
☐

34).

A student is writing a letter about the dangers of using a desktop computer. Which software application would be most suitable to use?

A email

☐

B presentation

☐

C word processing

☐

D publishing

☐

35).

New technology has an impact on the environment when it is produced while it is being used (its lifetime) and at the end of its life too. How can companies be more thoughtful about their approach to new technologies to protect the environment?

A increase the number of new models produced

☐

B increase the size of new devices

☐

C reduce the number of new models produced

☐

D reduce the price of new devices

☐

How can individuals help to protect the environment?

36).

A replace devices when a newer model comes out

☐

B replace devices frequently

☐

C replace devices only when they need to be replaced

☐

D replace devices when prices are lower

☐

37).

What should you do with old devices instead of throwing them in the bin? List three ideas.

1 _____

2 _____

3 _____