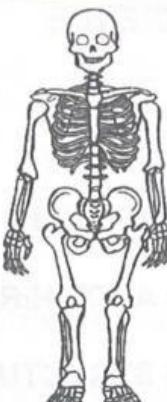


1. THE SKELETAL SYSTEM

The diagram shows the parts of a human skeletal system.



(a) What is the human skeletal system made up of?

[1]

'The human skeleton has THREE main functions.' State **ONE** function of the human skeleton.

[1]

(b) State the function of each body part that is shown on the chart.

PARTS	FUNCTIONS
(i) SKULL	
(ii) SPINE	
(iii) RIB CAGE	

[3]

[GO ON]

(c) (i) What is the name of the mineral that helps bones to grow healthy?

[1]

(c) (ii) List **ONE** food item that we eat which contain the mineral that you identified in question (c) (i).

[1]

'Eating healthy' is one way to take care of the human skeletal system.'

(d) State **ONE** other way that you can take care of the human skeletal system.

[1]

(e) **'Sitting up straight and showing good posture at all times is an important part of our everyday activities.'**

State **ONE** way in which the action described above benefits the human skeletal system.

[1]

'Tom had an accident and injured his backbone.'

(f) State one way in which the result of Tom's accident could affect his body.

[1]

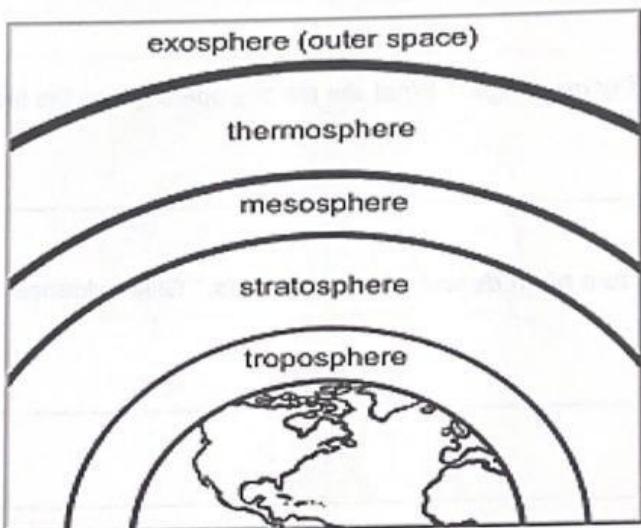
TOTAL MARKS [10]

[GO ON]

5

3. LAYERS OF THE ATMOSPHERE

The diagram shows the layers of the atmosphere



(a) Read the words in the box. Then, write the name of each layer of the atmosphere next to its correct description on the chart.

Thermosphere

Stratosphere

Troposphere

LAYER	DESCRIPTION
(i)	(I) This is the protective layer that contains ozone.
(II)	(II) This is the layer in which we live, work, and play.
(III)	(III) This is the hottest layer in the atmosphere.

[3]

[GO ON]

8

(b) State **ONE** important function of the atmosphere.

(c) How does the ozone layer help to protect life here on earth? [1]

(d) Name the layer of the atmosphere in which meteoroids get burned up when they enter it. [1]

(e) List **TWO** weather conditions that occur in the troposphere. [1]

(i) _____

(ii) _____

[2]

(f) Give **TWO** reasons why the troposphere is able to sustain life better than the other layers of the atmosphere. [2]

[2]

TOTAL MARKS [10]

[GO ON]

9

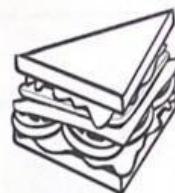
5. MIXTURES AND SOLUTIONS

The pictures show samples of a mixture and a solution

X



Y



(a) Look at the pictures. Write 'a mixture' or 'a solution' on the line to identify each picture.

X _____ [1]

Y _____ [1]

(b) What is 'a mixture'?

[2]

(c) Is air a 'mixture' or a 'solution' of gases?

_____ [1]

[GO ON]

12

(d) State **ONE** way in which a mixture can be separated.

_____ [1]

(e) State the names of the **TWO** parts of a solution.

(i) _____

(ii) _____

[1]

(f) "Salt dissolves in water." What is the meaning of the term "dissolve"?

_____ [1]

(g) 'Jane uses two tea spoons of sugar in her cup of hot tea.'

Explain how the hot water affects the sugar in Jane's cup of tea.



[2]

[GO ON]

TOTAL MARKS [10]

13