



Subject: Grade 5 Natural Sciences
Topic: Natural Sciences: Term 2 - Exam 1
Total: 99 Marks

Name: _____
Date: _____

Question 1: Text Input

3 marks

When we look at something, the reflected rays of ... from the object enters our eye.

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Question 2: Please Fill In The Blanks

4 marks

The forces between the particles of a gas are (1) than those between the particles of a liquid. Liquid particles (2) able to move around.

Possible Answers: weaker | stronger | are | are not

1	
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2	
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Question 3: Text Input

3 marks

Jamie investigates three materials. They are steel, copper and glass. The material that will be the most ductile at room temperature, will be the

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Question 4: Multiple Choice

4 marks

A builder mixes sand, gravel and cement with water to form

This product is needed for the laying of the foundations of a house.

- | | |
|---|-------------------------|
| A | cement |
| B | concrete |
| C | concrete and cement |
| D | sand, gravel and cement |



This image refers to question: 5



Question 5: Text Input

3 marks

If an iron pot is left exposed to the Sun and rain, a reddish-brown layer will form on its surface. This layer is called ...

Answer with **one term only**.

Question 6: True/False

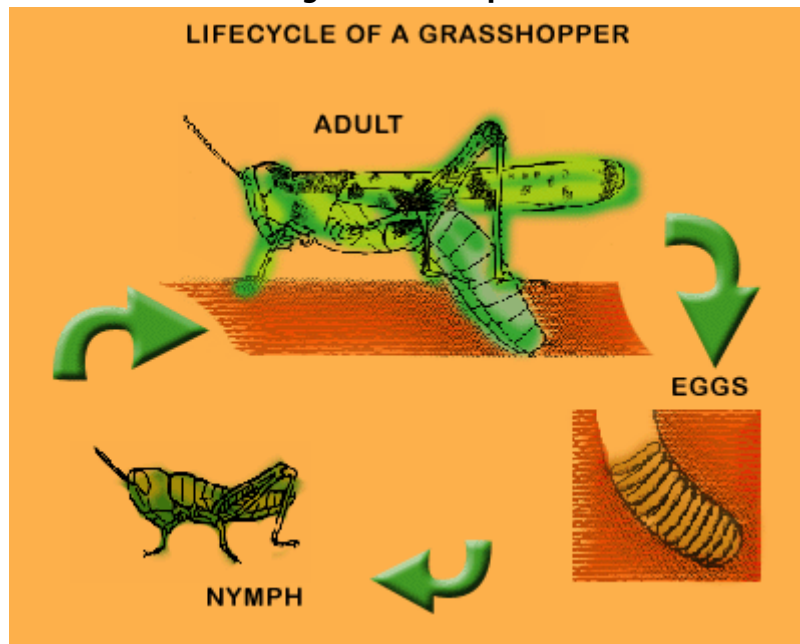
2 marks

Turtles bury their eggs to keep them safe, and they stay close to their young after they are born to care for them.

TRUE

FALSE

This image refers to question: 7



Question 7: Please Fill In The Blanks

4 marks

The young locust is called a (1) . This stage is called the (2) stage.

Possible Answers: nymph | hopper | pupa | larva

1	
----------	--

2	
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Question 8: Multiple Choice

4 marks

Certain substances, when added to water, change their properties.

Which of the following will NOT change its properties when added to water?

- | | |
|----------|---------------|
| A | cement powder |
| B | jelly powder |
| C | chips of wood |
| D | blocks of ice |

Question 9: Text Input

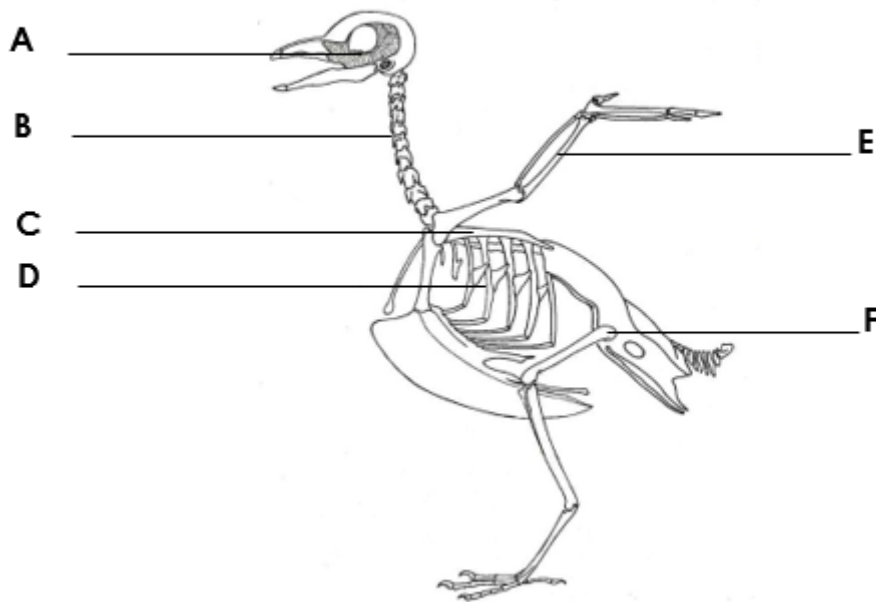
3 marks

When a sound is made, the air moves causing ... which travel to your ears.

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This image refers to question: 10

BIRD SKELETON



Question 10: Please Fill In The Blanks

4 marks

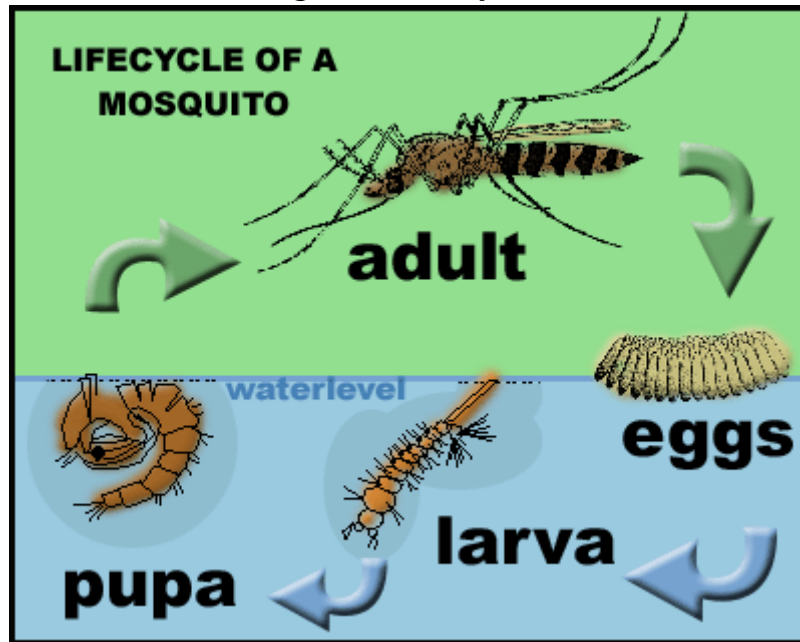
The part labelled (1) joins the arms to the body. It is called the (2) .

Possible Answers: A | B | C | D | E | F | sockets | shoulder blades

1	
---	--

2	
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This image refers to question: 11



Question 11: Text Input

3 marks

An ... emerges from a pupa when the skin splits after a few days.

Question 12: Text Input

3 marks

Reproduction ensures that living things do not die out completely.

Give **one word** that is used to describe a species that has died out completely.

Question 13: True/False

2 marks

Glass is a non-metal that is brittle.

TRUE

FALSE

This image refers to question: 14



Question 14: Please Fill In The Blanks

8 marks

A builder is required to fill cracks in a wall. He makes use of Polyfilla and water.

Arrange the steps, in the correct order, that he needs to take.

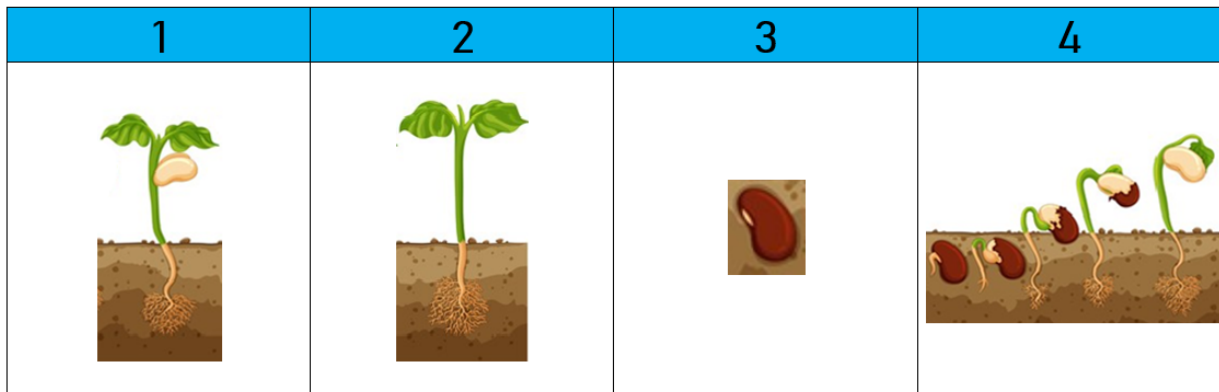
Firstly, (1) ; secondly, (2) ; thirdly, (3) and finally (4) .

Possible Answers: fill cracks | mix the ingredients | a paste is formed | let the mixture set

1	
3	

2	
4	

This image refers to question: 15



Question 15: Multiple Choice

4 marks

Study the diagrams carefully.

Place the development of the bean plant in the correct order.

- | | |
|----------|---------------|
| A | 3 ; 4 ; 1 ; 2 |
| B | 1 ; 2 ; 3 ; 4 |
| C | 1 ; 2 ; 4 ; 3 |
| D | 4 ; 2 ; 3 ; 1 |

This image refers to question: 16



Question 16: Text Input

3 marks

The substance found in jelly, that causes the jelly to set, is called

Type **one word only**.

Question 17: True/False

2 marks

If a substance bends easily, we say that it is flexible.

TRUE

FALSE

Question 18: Text Input

3 marks

When a solid and liquid mix to form a thick mixture, the mixture is called a

Question 19: Text Input

3 marks

All food chains start with energy from the

Question 20: True/False

2 marks

An alloy is a mixture of two non-metals.

TRUE**FALSE****Question 21: Multiple Choice**

4 marks

A beaker contains a solution of salt and water. If the beaker is heated long enough, the solution will

- | | |
|----------|------------------------------------|
| A | boil, leaving nothing behind |
| B | boil, leaving salt crystals behind |
| C | melt |
| D | condense |

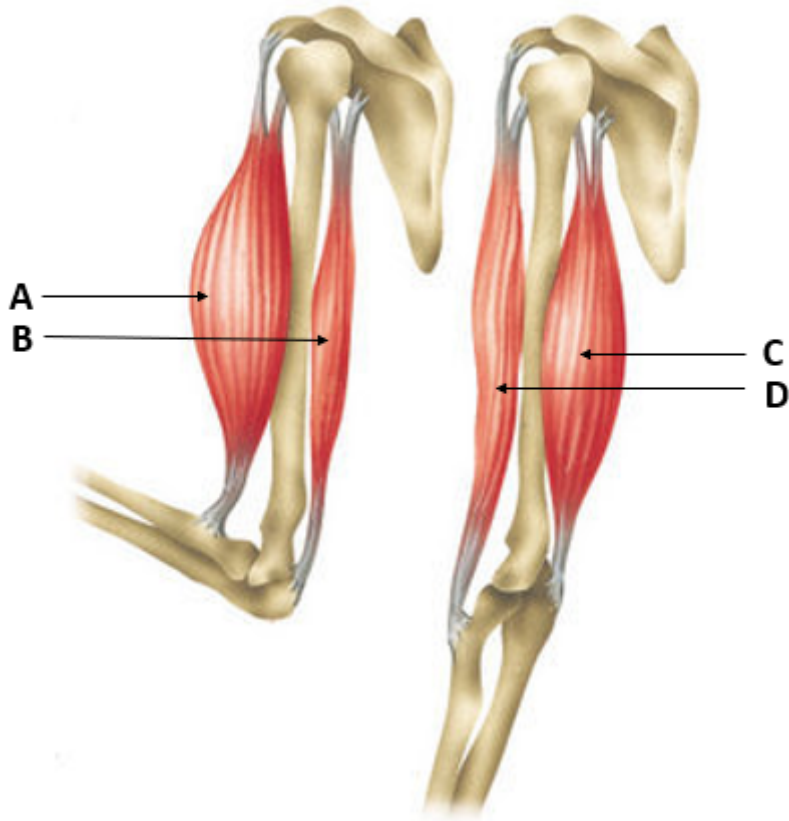
Question 22: Multiple Choice

4 marks

The measure of the ability of a material to withstand pulling forces is called its

- | | |
|----------|---------------------|
| A | stiffness |
| B | hardness |
| C | toughness |
| D | strength in tension |

This image refers to question: 23



Question 23: Please Fill In The Blanks

4 marks

Study the diagram carefully.

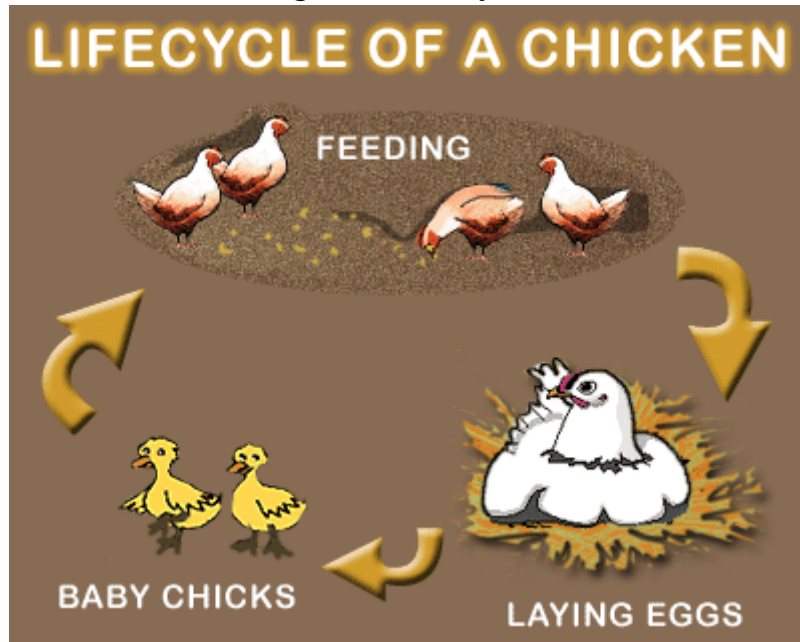
When you lift a grocery bag to put it into the trolley, you (1) your arm and muscle A will then (2)

Possible Answers: bend | straighten | relax | tighten

1	
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2	
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This image refers to question: 24



Question 24: True/False

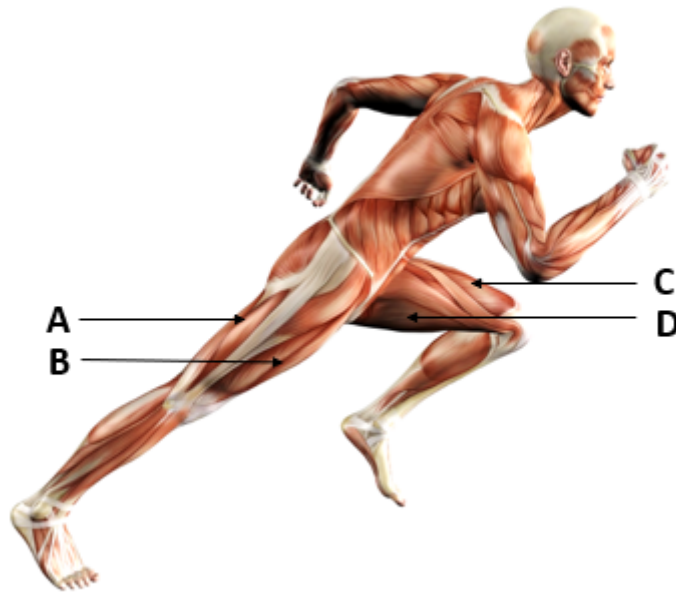
2 marks

A mother hen often turns her eggs with her beak.

TRUE

FALSE

This image refers to question: 25



Question 25: Text Input

3 marks

Study the diagram carefully.

What body part are the arrows pointing to? These assist with the movement of the skeleton.

Type **one word** for your answer.

Question 26: Multiple Choice

4 marks

Brass is an **alloy**. It is made from a mixture of

- | | |
|----------|-------------------|
| A | copper and silver |
| B | gold and silver |
| C | copper and zinc |
| D | zinc and silver |

Question 27: True/False

2 marks

A beaker containing a solution of sugar water is heated. The solution starts boiling and eventually only sugar crystals will be left in the beaker.

Question 28: True/False

2 marks

The organs are protected by the skeleton. These include the fingers.

Question 29: Please Fill In The Blanks

4 marks

Strength in (1) is a measure of the ability of a material to withstand (2) forces.

Possible Answers: tension | pulling | motion | shearing

Question 30: Text Input

3 marks

The transfer of powdery pollen is called

Type one word only.

Total: 99 Marks