

**The Primary Stage of Grades (4-5)
School Year 2022- 2023**

Name: _____

**Subject: Science
Final Revision Sheet**

Date: / /

Class: Grade 5 CP (All sections)

Question 1: Classify the following consumers according to their diet into: Herbivores, Omnivores and carnivores, by ticking the correct box:

Animal	Herbivore	Omnivore	Carnivore
Lion			✓
Giraffe	✓		
Zebra	✓		
Human		✓	
Rabbit	✓		
Fox		✓	

Question 2:

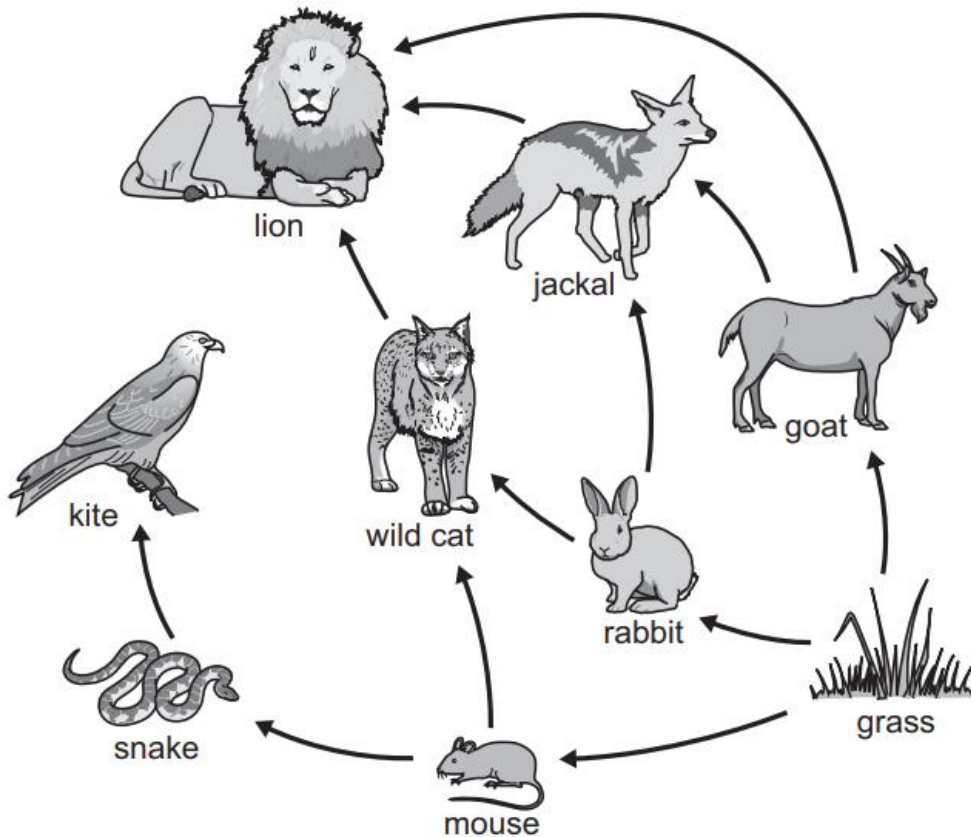
Define the terms:

- a) Predator: An animal that hunts and eats another animal.
- b) Prey: An animal that is hunt and eaten by another animal.
- c) Food Chain:

A sequence of organisms through which energy passes when one organism eats another.

Question 3:

The diagram shows a food web.



(a) Which animals in the food web eat the mouse?

The wild cat/ Snake.

(b) Which animals get their energy directly from the grass?

Goat/ rabbit/ mouse. (primary consumers)

(c) This food web includes many food chains.

Write down a complete food chain that includes the snake.

Grass → mouse → snake → kite

(d) Rabbits eat grass that has been sprayed with a poisonous chemical.

Explain how this poisonous chemical reaches the body of the lion.

When the jackal or the wild cat eats the rabbit, the poisonous chemical reaches their bodies, and is transferred to the lion's body when it eats them.

- (e) Name the two prey of the wild cat. Rabbit/ Mouse.
- (f) Name the predator of the jackal. The lion.
- (g) How many consumers are there in this food web? 8 consumers.
- (h) Name an animal that is a prey and a predator. Jackal/ Wild cat/ Snake.
- (i) Name the producer in this food web. The grass.
- (j) Where does grass get its energy from? The sun.

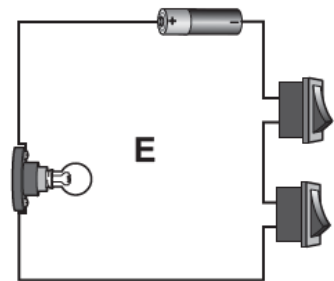
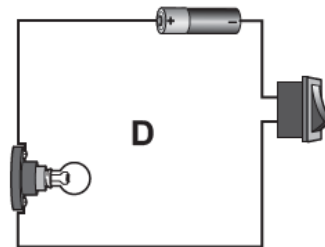
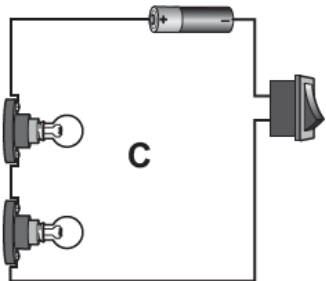
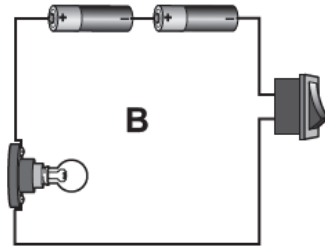
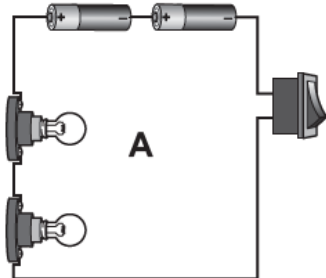
Question 4:

State the type of soil that best matches the description. You can write more than one type if applicable:

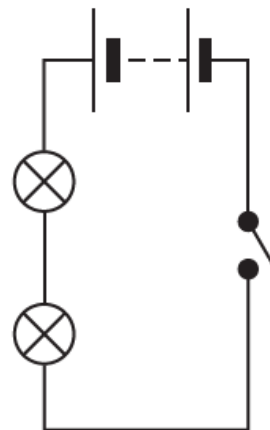
Description	Type of soil
This soil feels gritty.	<u>Sandy soil</u>
This soil is sticky.	<u>Clay soil</u>
This soil can hold large amount of water.	<u>Clay soil</u>
This soil has the most amount of humus.	<u>Loam Soil</u>
This soil cannot hold water.	<u>Sandy soil</u>
Contains the three types of soil, in addition to lots of humus.	<u>Loam soil</u>
Contains small rock particles, minerals and humus.	<u>Silty Soil</u>
Is fertile soil and good for growing crops.	<u>Loam Soil + Silty soil</u>
Many plants cannot grow in this soil.	<u>Clay Soil + Sandy Soil</u>

Question 5:

Here are five electrical circuits.



(a) Chen draws this electrical circuit diagram.



Which electrical circuit has Chen drawn?

Circle the correct answer.

A

B

C

D

E

(b) Which electrical circuit has the brightest lamp?

Circle the correct answer.

A **B** C D E

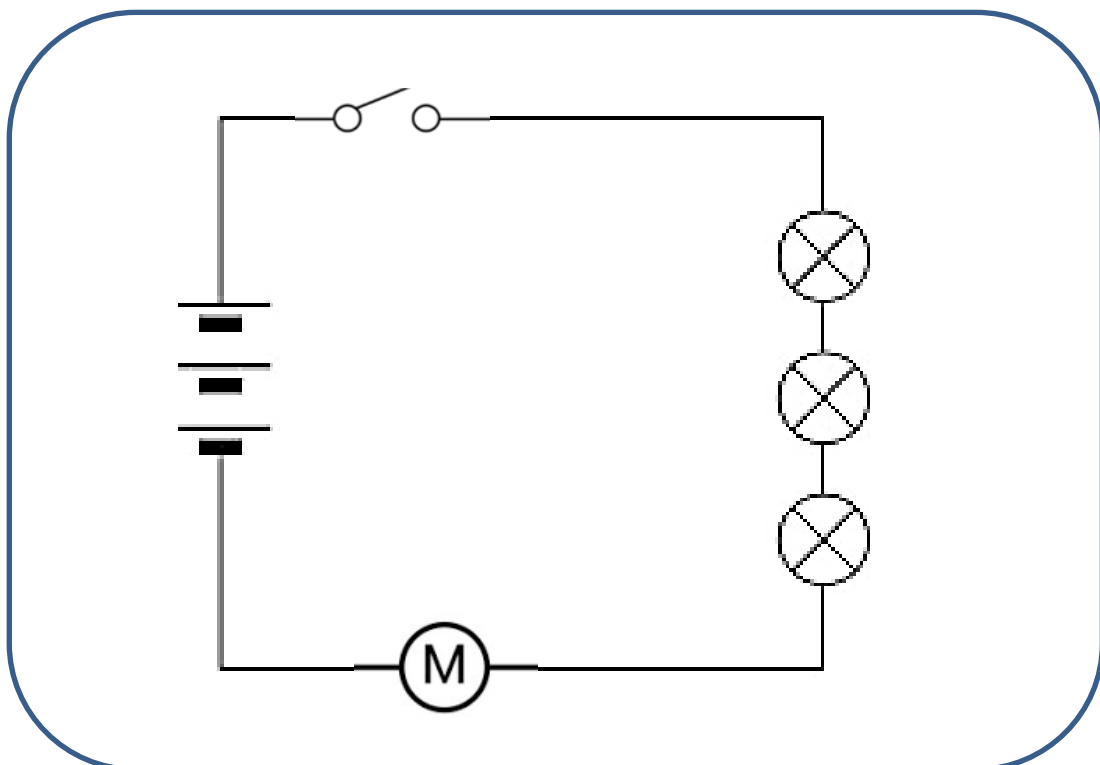
(c) What is the name of this electrical symbol?



A motor

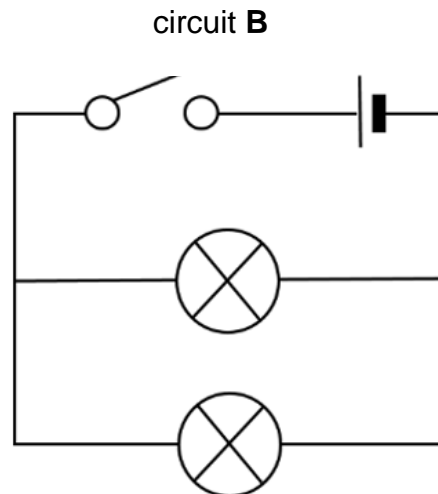
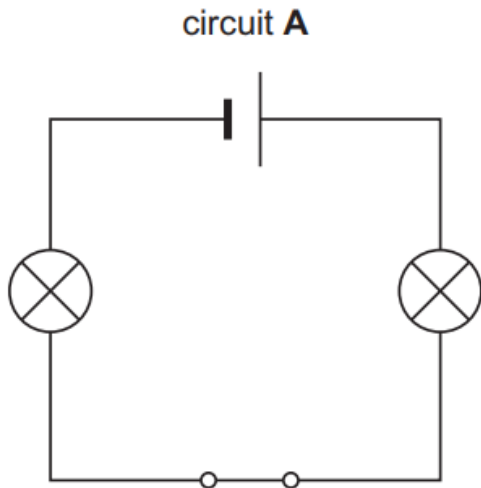
Question 6:

Draw a circuit that has 3 bulbs connected in series, a motor, 3 cells, and an open switch.



Question 7:

Study the following circuits and answer the questions that follow:



a) State the type of each circuit.

Circuit A: **Series Circuit.**

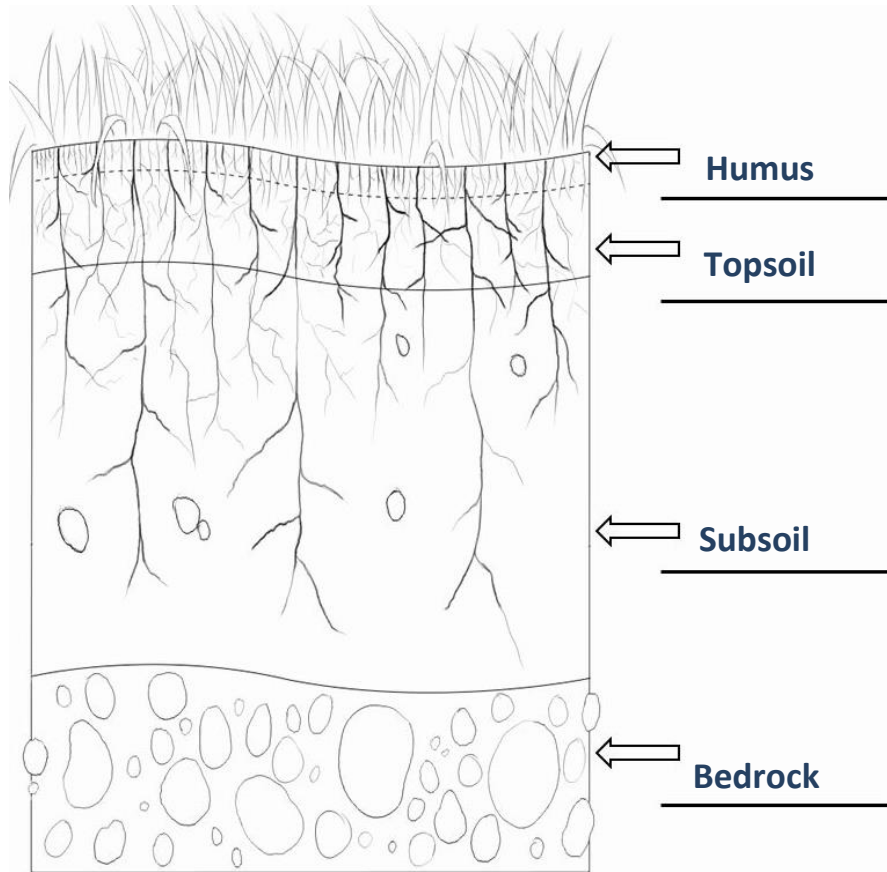
Circuit B: **Parallel Circuit.**

b) In circuit A, what happens if one of the bulbs stops working? Explain your answer.

The other bulb stops working as well, since there is only one single path for electricity to flow in the series circuit, and any gap will break the circuit.

Question 8:

a. State the name of the soil layer. Use words from the box.



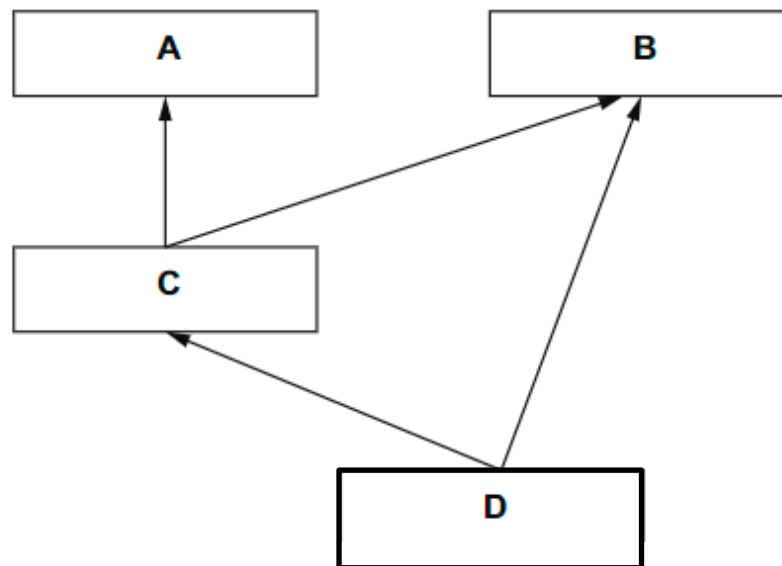
b. Define humus?

 An organic material that contains plant and animal matter.

Question 9:

The diagram shows a simple food web. It contains three food chains.

The letters **A**, **B**, **C** and **D** are the four different organisms making up these food chains.



(a) Which organism is a **producer**?

Choose from **A**, **B**, **C** or **D**. D

(b) Which organism is **both** a primary and a secondary **consumer**?

Choose from **A**, **B**, **C** or **D**. B

(c) What do the arrows in a food web show?

 The arrows show the flow of energy.