

**Primary Three
Science
Semestral Assessment One**

Section A (30 x 2 marks)

For each question 1 to 30, four options are given. One of them is the correct answer. Make your choice (1,2,3 or 4). Write the correct answer in the box provided.

1. Mary has put the following items into **Group A** and **Group B**. How do you think she has grouped them?

Group A

Puppy
Seed
Mango tree

Group B

Clouds
Bread
Dried Leaf

	Group A	Group B
1.	They can move to look for food	They cannot move to look for food
2.	They are living things	They are non-living things
3.	They are big	They are small
4.	They were once alive	They are never alive

2. Which of the following material can be used to make a ruler?

A. Glass
B. Rubber
C. Wood
D. Plastic

- (1) A and B only (2) B and C only
(3) C and D only (4) A and D only

3. Fish do not close their eyes. This is because _____.

- (1) their eyes are too big.
(2) they do not sleep.
(3) they need to look around them for food.
(4) they do not have eyelids.

4. Some animals move from one place to another place because they need to _____.

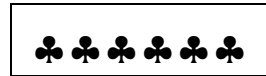
- A. Look for food
- B. Escape from their enemies
- C. Escape from the cold

- (1) A only
- (2) A and B only
- (3) B and C only
- (4) A, B and C

5. Which of the following objects was once alive?

- (1) Nylon string.
- (2) Mirror
- (3) Cotton dress
- (4) Gold ring

6. The following objects are grouped according to _____.



- (1) shape
- (2) size
- (3) pattern
- (4) edges

7. Which of the following statement about the micro-organisms are **true**?

- A. They can be seen with our naked eyes
- B. They can reproduce
- C. Some of them live in or on bodies of plants and animals

- (1) A and B only
- (2) A and C only
- (3) B and C only
- (4) A, B and C

8. Moulds ensure that there will always be its own kind around by producing _____.

- (1) flowers
- (3) spores

- (2) eggs
- (4) seeds

9. Some living things are classified into two groups as shown below.

Group A
Hibiscus
Rose

P

Group B
Toadstools
Cup fungi

Q

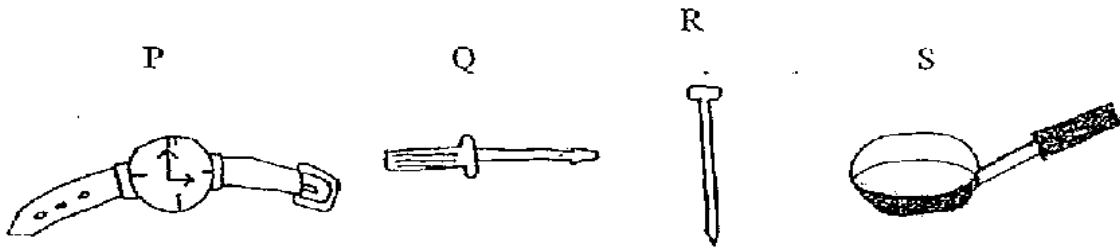
What can **P** and **Q** be?

	P	Q
1.	Mango tree	Durian tree
2.	Rain tree	Yeast
3.	Bread mould	Mushrooms
4.	Orchid	Allamanda

10. We cannot tell the difference between a _____ and a _____ by using our sense of touch.

- (1) Rock; jelly
- (2) Long
- (3) Red apple; green apple
- (4) Cloth bag; paper bag

11. Look at the objects below. Which objects are made up of two or more materials?

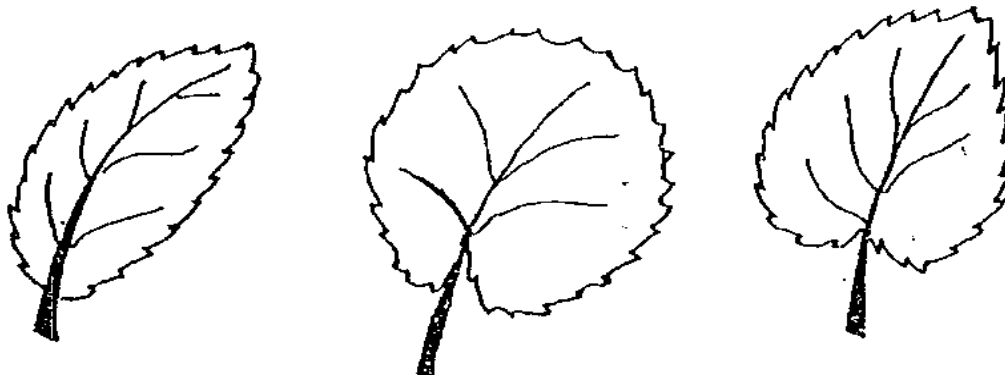


- (1) R only
- (2) P and Q only
- (3) Q and S only
- (4) P, Q and S only

12. Which one of these spoons will break into pieces when it is dropped onto the floor?

- (1) Steel spoon
- (2) Plastic spoon
- (3) Porcelain spoon
- (4) Wooden spoon

13. The leaves shown in the box below are grouped according to a common characteristic.



Which one of the following leaves shown below can be placed in this group?

(1)



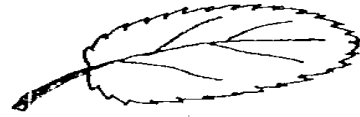
(2)



(3)



(4)



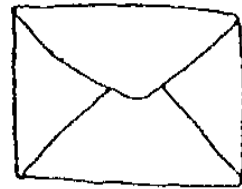
14. Which object is made of a different material as compared to the others?

(1)



Eraser

(2)



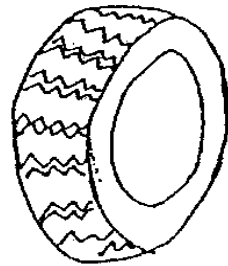
Envelope

(3)



Balloon

(4)



Tyre

15. Which of the following statements about materials is not true?

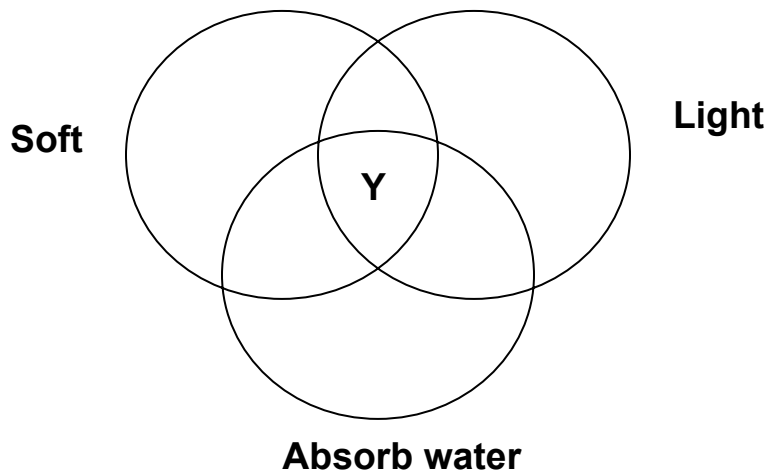
- (1) Leather comes from plants.
- (2) Paper comes from plants.
- (3) Plastic and glass are man-made materials.
- (4) Metals are usually hard and strong.

16. Cooking utensils like pots, pans and kettles are commonly made of aluminum because it _____.

- (A) Is light
- (B) Does not rust easily
- (C) Can transfer heat easily.

- (1) A and B only
- (2) A and C only
- (3) B and C only
- (4) A, B and C

17. Study the Venn diagram below carefully



What can 'Y' be?

- (1) Raincoat
- (2) Glass
- (3) Sponge
- (4) Rubber boots

18. Mary was caught in the rain without an umbrella. Which of the following things shown below will be the **best** to shelter her from the rain?

- (1) Newspaper
- (3) Towel

- (2) Plastic bag
- (4) Paper bag

19. Which of the following comparisons between glass and wood is **correct**?

	Glass	Wood
1.	Soft	Hard
2.	Rough	Smooth
3.	Durable	Fragile
4.	Transparent	Not transparent

20. Which one of the following types of animals does **not** have a backbone?

- (1) Fish
- (3) Reptile

- (2) Bird
- (4) Insect

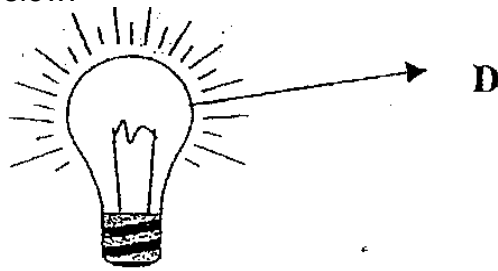
21. Birds have feathers so as to _____.

- A. Enable them to fly
- B. Keep themselves warm
- C. Help them hide their food from other animals
- D. Keep their eggs warm to hatch them

- (1) A, B and C only
- (3) B, C and D only

- (2) A, B and D only
- (4) A, B, C and D

22. Look at object below.



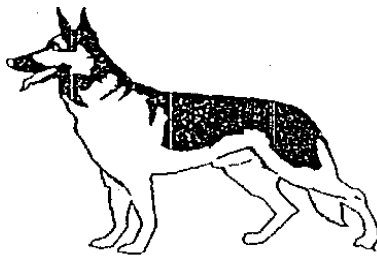
Light bulb

The part of the light bulb marked D is usually made of glass. Why is this so?

- (1) It breaks easily.
- (2) It is the only material that can be made into the shape of the bulb.
- (3) It allows light to pass through it.
- (4) It is strong.

23. Which one of the animals shown below has young that does not look like it?

(1)



(2)



(3)



(4)



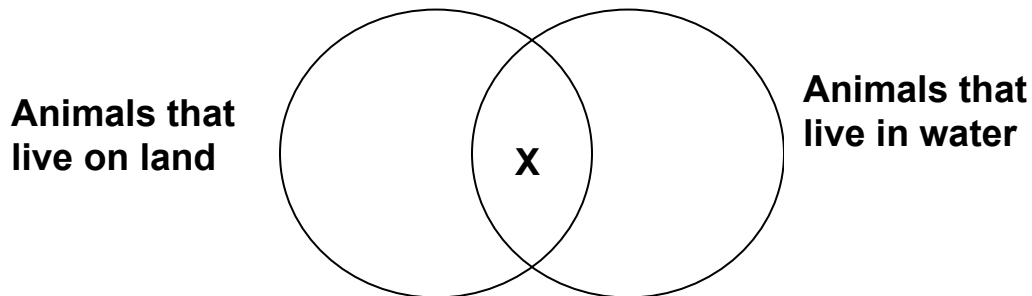
24. Study the table below.

Group A	Group B
Mango Lychee Rambutan	Papaya Banana Strawberry

Which of the headings shown below can be used to describe **Group A** and **Group B**?

	Group A	Group B
1.	Edible fruits	Inedible fruits
2.	Fruits with one seed	Fruits with many seeds
3.	Poisonous fruits	Non-poisonous fruits
4.	Fruits grow in brunches	Fruits grow singly

25. Study the Venn diagram shown below.



Which animal is **X** likely to be?

- (1) Alligator
- (3) Whale

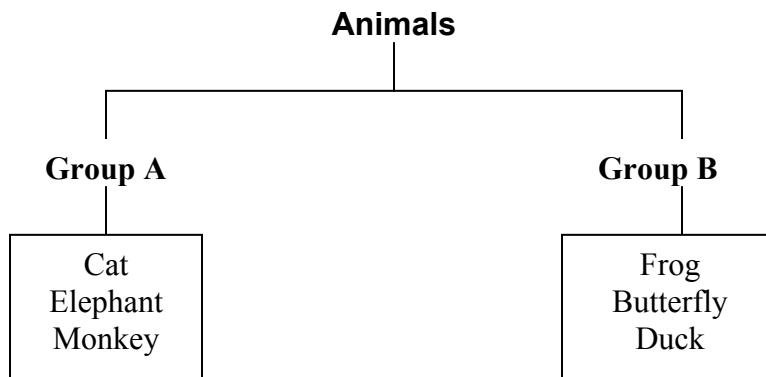
- (2) Lion
- (4) Eagle

26. Why is a whale classified as a mammal?

- (A) It eats plant.
- (B) It lives in water.
- (C) It has hair on its body.
- (D) It gives birth to its young alive.

- (1) A and B only
- (2) B and C only
- (3) C and D only
- (4) A and D only

27. Study the classification table below.



Which of the following animals can be put in **Group A** and **Group B**?

	Group A	Group B
1.	Toad	Zebra
2.	Crocodile	Tiger
3.	Zebra	Whale
4.	Goat	Ant

28. Study the animals shown below

(A)



(B)



(C)



(D)



Which of the animals shown above have the same type of body coverings?

(1) A, B and C only

(2) A, B and D only

(3) B, C and D only

(4) A, B, C and D

29. Which one of the following statements about the plants below is **true**?

(1) Plants cannot respond to changes around them.

(2) Plants need water only to grow.

(3) All plants have stems, roots, leaves, flowers and fruits.

(4) Plants reproduce so that their own kind will still be around.

30. Which one of the following statements **best** describes all insects?

- (1) They all have wings.
- (2) Their bodies are divided into two parts.
- (3) They all have six legs.
- (4) Only some insects have feelers.

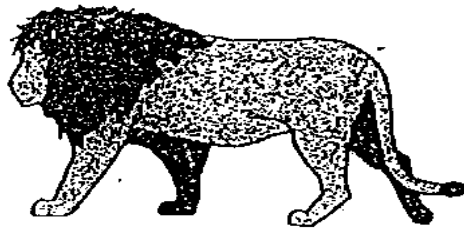
Section B (40 marks)

Write your answers for each question 31 to 46 in the blank spaces provided.

31. Study the 3 animals shown below.



Rabbit



Lion



Tortoise

a. Which 2 animals are similar in the way they reproduce? (1m)

b. How do they reproduce? (1m)

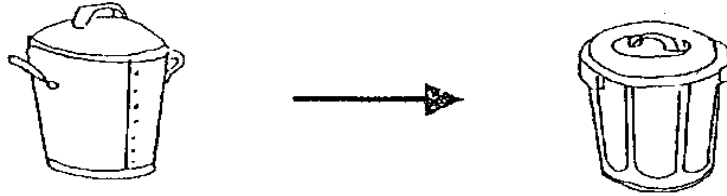
32. The diagram below shows a hammer.



a. Name the material that is used to make **part X**. (1m)

b. Explain why this material is chosen? (1m)

33. Rubbish bins used to be made of metal.

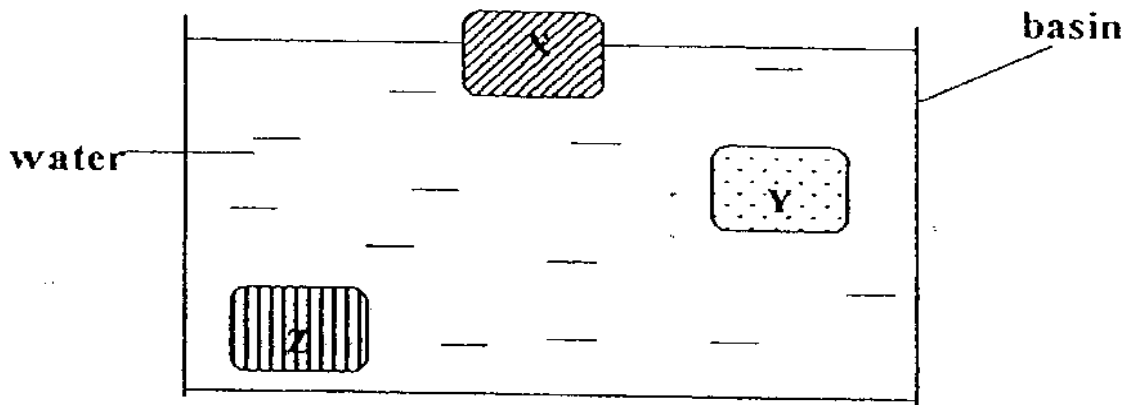


metal

a. Name another material which is used to make rubbish bins now. (1m)

b. Write down one reason why material named in (a) is better than metal? (1m)

34. Study the diagram shown below.



3 objects made from different materials were put into a basin of water. Which objects, **X**, **Y** and **Z** represent the following:

- I. ten cent coin : _____ (1m)
II. ice cube : _____ (1m)

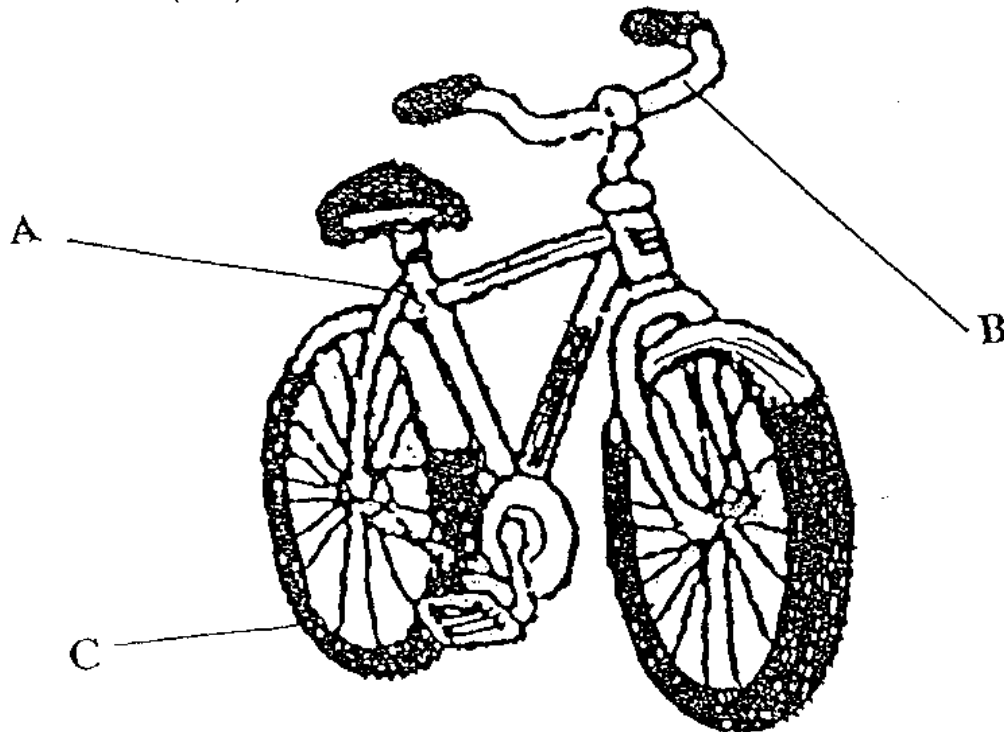
35. The diagram below shows a part of a rubber tree.



A white liquid is obtained from the tree to make objects.

a) What is the white liquid called? (1m)

b) Which part (**A**, **B** or **C**) of the object shown below is made from this material? (1m)

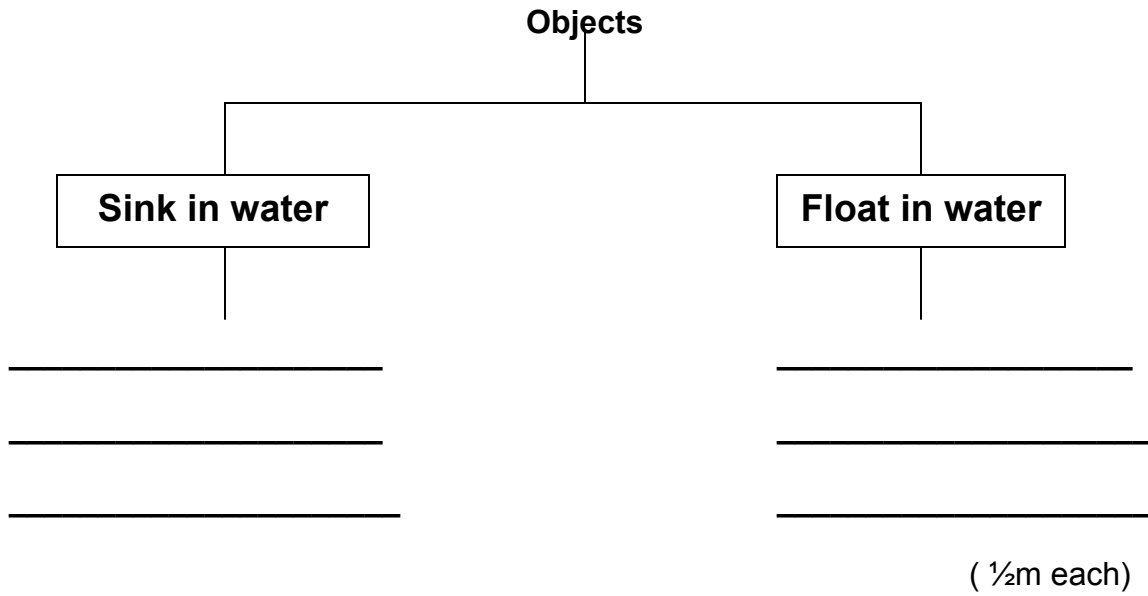


Part _____

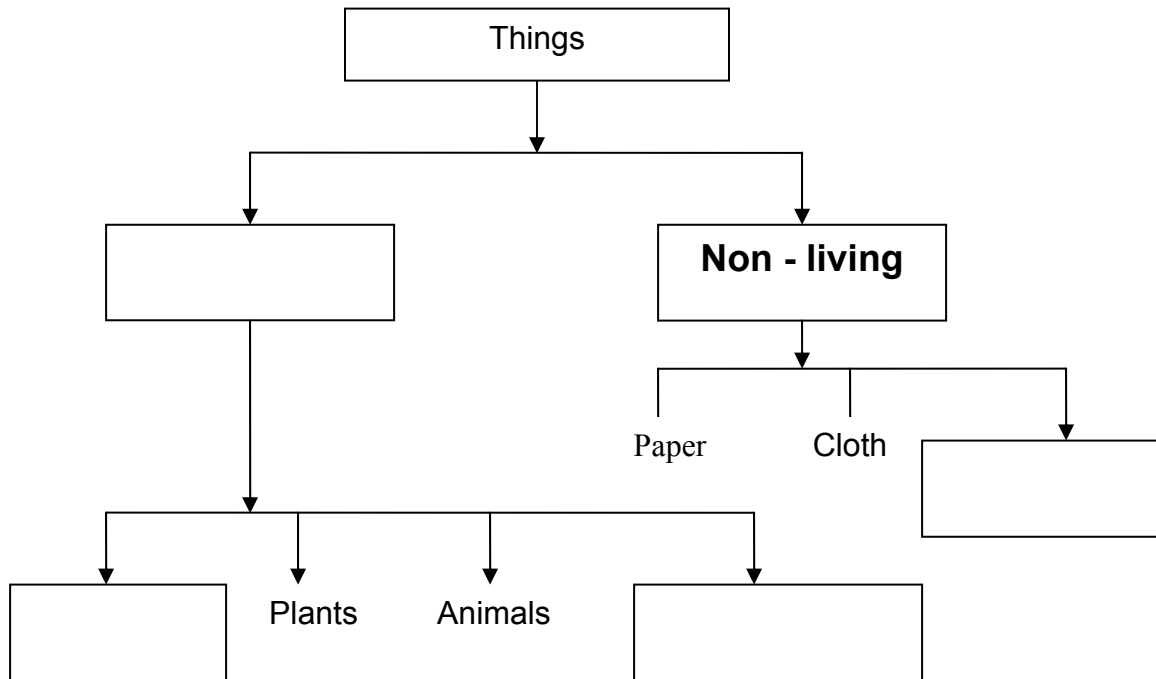
36.

Cork	Feather
Safety pin	Stone

The objects in the box above can be put into two groups. Fill in the classification table below with the names of objects found in the box above.



37. Study the classification table below carefully.

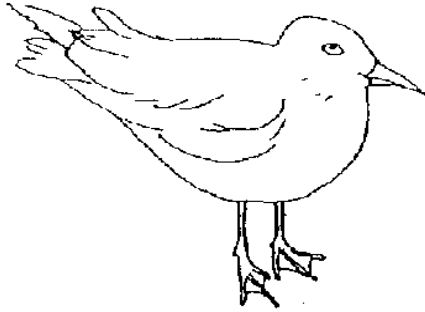


Use the words given in the box below to fill to complete the classification

Soil Micro-organisms Fungi Living

(½ m each)

38. Study the pictures below.



Animal P



Animal Q

Based on only what you see in the pictures above, writ down one similarity and one difference between. (Do not compare size)

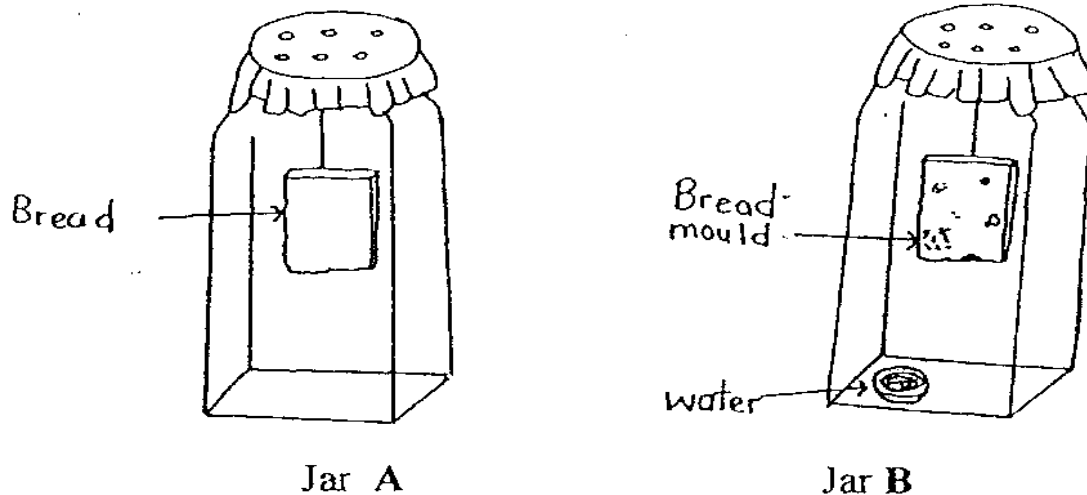
Similarity:

(1m)

Difference:

(1m)

39. John cuts a slice of bread into two pieces. He hangs the bread on a wire inside the jar as shown below. The jars are labelled A and B. a dish of water is placed inside jar B to keep the bread moist. Both jars are placed in a dark corner for two weeks.



- a. After 2 weeks, no bread mould grows on the bread in jar A. Explain why this is so? (1m)

- b. Which part of the above experiment tells us that bread mould does not need sunlight to grow? (1m)

40. Name the characteristics of living things that are described in the following statements.

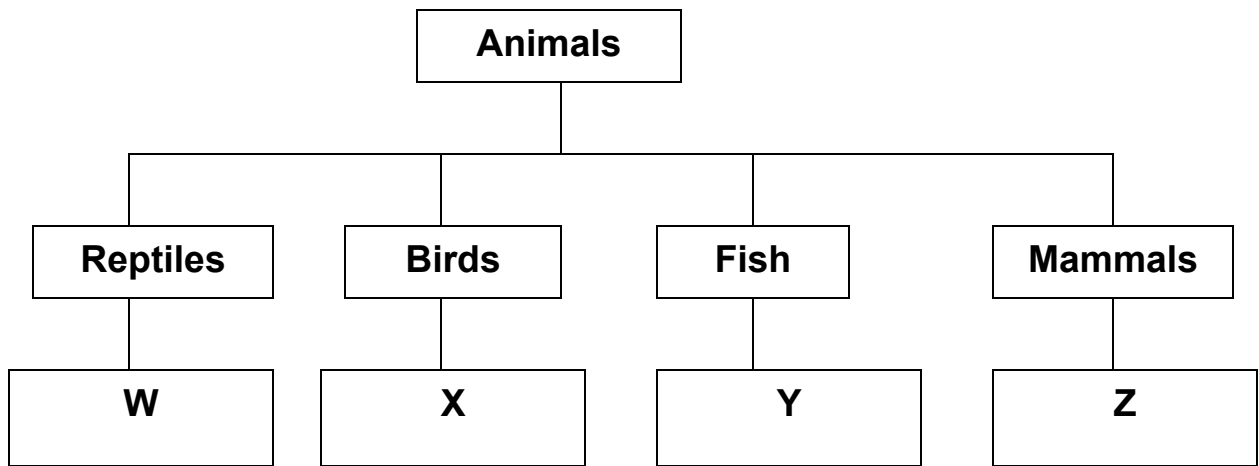
a. A baby crawls on the floor.

Living things can _____
_____ (1m)

b. A tortoise hides in its shell when someone carries it.

Living things can _____
_____ (1m)

41. Study the classification diagram below.



Animals A



a) In which of the boxes **W**, **X**, **Y** or **Z** would you place **Animal A**? (1m)

b) Name 2 characteristics of animals in this group under which Animal A is classified. (2m)

i. _____

ii. _____

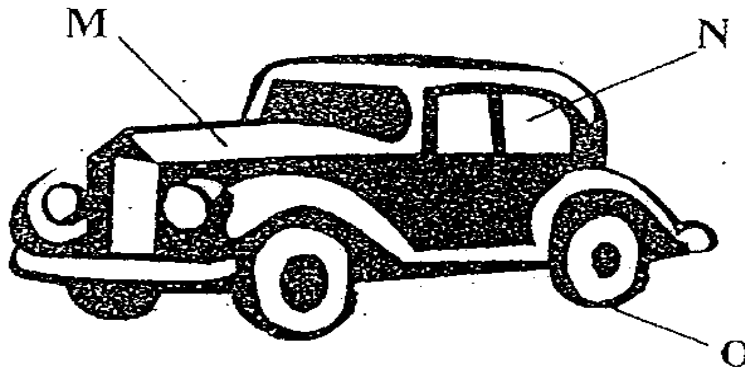
42. Jimmy likes to cycle around his neighbourhood park every evening. He uses 3 of his senses whenever he cycles. Name these 3 senses that he uses. (1m each)

I. Sense of _____

II. Sense of _____

III. Sense of _____

43. Study the diagram shown below.



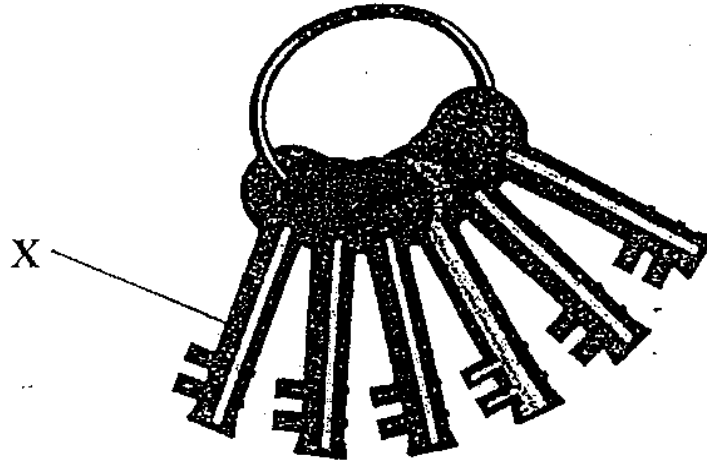
Name a suitable material for making each of the parts marked **M**, **N** and **O**. (1m each)

I. M: _____

II. N: _____

III. O: _____

44. Study the picture below.



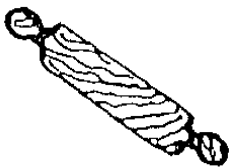
a. Name the material used to make part X? (1m)

b. State 2 properties of the material that you have named in (a). (1m each)

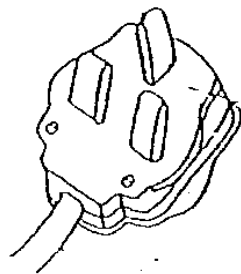
i)

ii)

45. Study the objects shown below.



rolling pin



plug

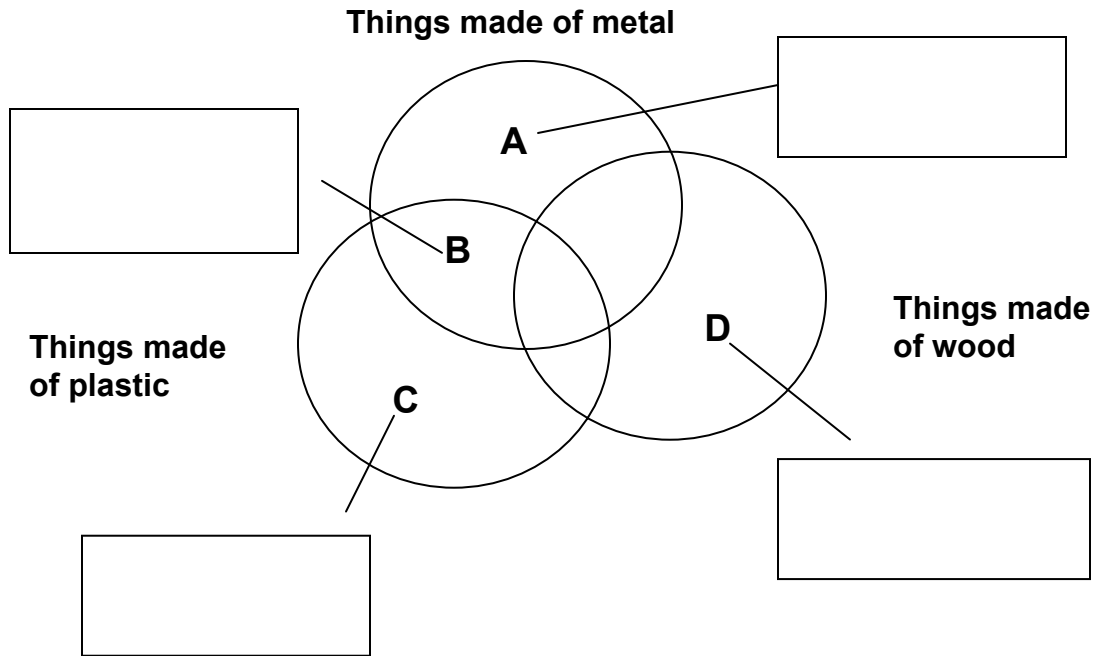


coin



raincoat

Place the names of the objects shown above in the correct boxes in the Venn diagram below. (1m each)



46. Study the statements below.

a. Put a tick (✓), for statements which are **true** (½ m each)

- I. Most fish have scale.
- II. All birds can fly.
- III. All insects have six legs.
- IV. All mammals eat meat.

b. Look at the picture below.



I. Name the part marked A. (1m)

II. How does this part A help the fish? (1m)

III. In which part of the fish is the grills found? (1m)
