

**Primary Three
Science
Continual Assessment Two**

Section A (30 X 2 = 60 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) in the given box.

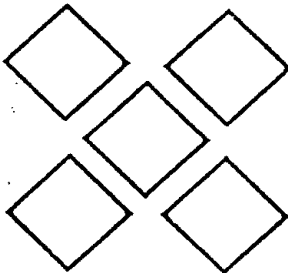
1. Which of the following statements explain why animals have colours?

- (A) To help hide themselves
- (B) To attract their female or male partners
- (C) To determine their body shapes or sizes
- (D) To warn predators that they are poisonous

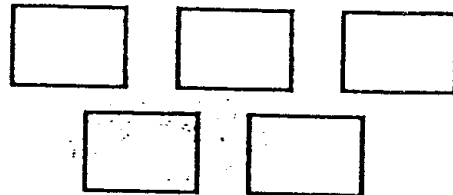
- (1) A and B
- (2) C and D
- (3) A, B and C
- (4) A, B and D

2. Look at the objects in Group A and Group B carefully.

Group A



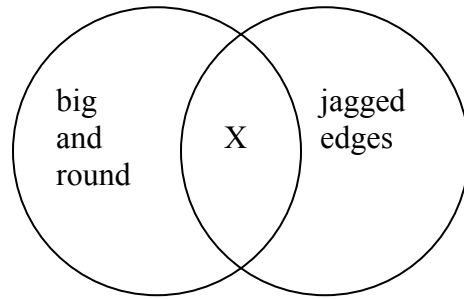
Group B



Group A and Group B are similar in _____.

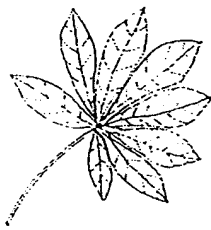
- (1) number of sides only
- (2) number of sides and shapes of objects
- (3) number of sides and number of objects
- (4) shapes of objects and number of objects

3. Study the Venn diagram given below carefully.



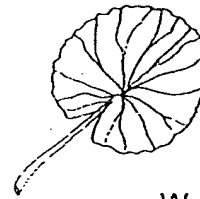
Which one of the following leaves is X most likely to be?

(1)



Tapioca leaf

(2)



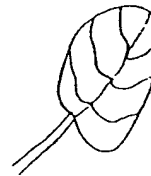
Water lily leaf

(3)



Hibiscus leaf

(4)



African violet leaf

4. When a mimosa plant is touched, it closes its leaves. This shows that the mimosa plant is _____.

- (1) becoming old and dying
- (2) responding to changes around it
- (3) moving to another place by itself
- (4) growing and changing its appearance

5. Look at the table below carefully.

	Running	Crawling	Flying
X		√	√
Y	√	√	

Which animals can X and Y be?

	X	Y
(1)	ostrich	tortoise
(2)	penguin	kangaroo
(3)	ladybird	house lizard
(4)	grasshopper	earthworm

6.



platypus



meerkat



kangaroo

Which of the following statements about the above animals is correct?

- (1) All are mammals
- (2) All live on land only
- (3) All feed on plants only
- (4) All give birth to their young

7. _____ is a type of cloth which is man-made.

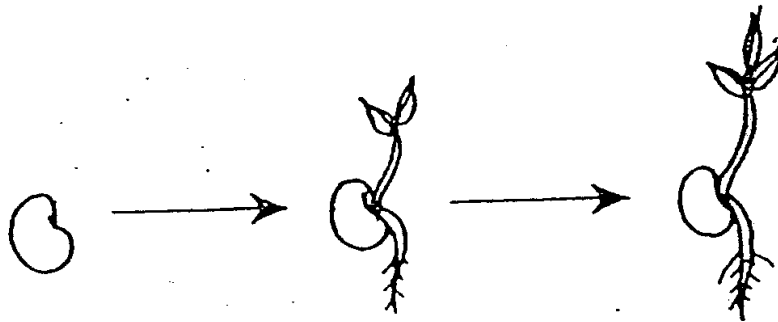
- (1) Silk
- (2) Nylon
- (3) Wool
- (4) Cotton

8. Which one of the following sentences is NOT true about identical twins?

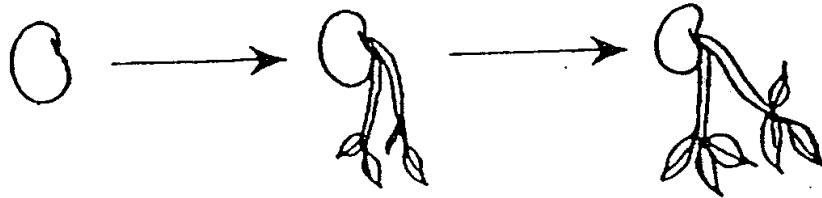
- (1) They have the same blood type.
- (2) They have the same eye colour.
- (3) They have the same hair colour.
- (4) They have the same fingerprints.

9. Which one of the following diagrams below correctly represents the stages of growth of a seed?

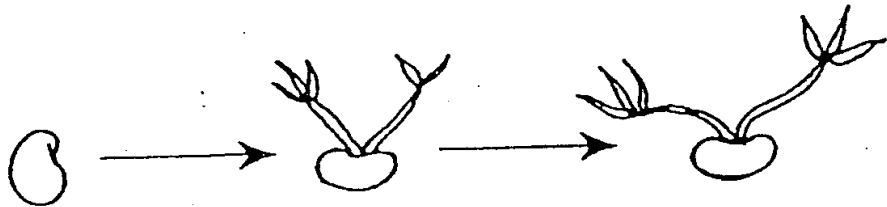
(1)



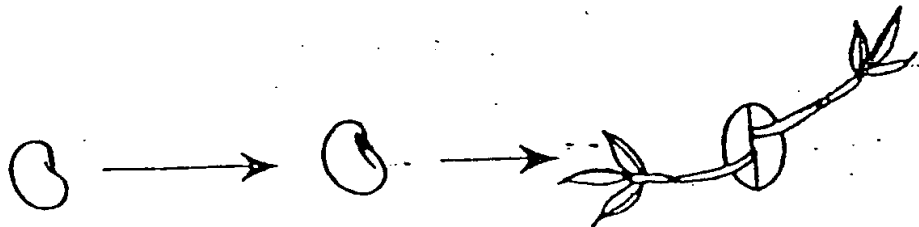
(2)



(3)



(4)



10. Which one of the following statements explains the word “system”?

- (1) Parts that are used to make an object.
- (2) Parts that work together to perform a job.
- (3) A pattern that repeats itself over and over again.
- (4) A living thing that can grow and reproduce to have young.

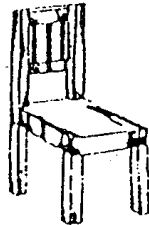
11. Study the objects given below.



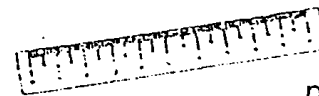
metal key



silk scarf



wooden chair



plastic ruler

Which one of the objects is made from material from a tree?

- (1) metal key
- (2) silk scarf
- (3) wooden chair
- (4) plastic ruler

12. Which of the following statements about the young of a butterfly are true?

- (A) It has six legs.
- (B) The food that it eats is different from the adult.
- (C) The young of the butterfly looks different from the adult.

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

13. All seeds and spores of ferns are similar in that _____.

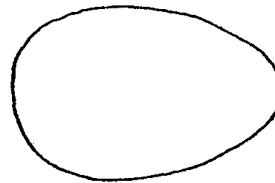
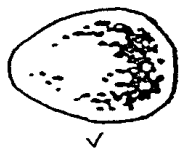
- (A) they are not edible
- (B) they are scattered by wind
- (C) they are all small and light
- (D) they can grow into new plants

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

14. The faeces leave our body through an opening called the _____.

- (1) anus
- (2) liver
- (3) kidney
- (4) rectum

15. The diagrams below show the eggs of 4 different animals.



pigeon's egg

lizard's egg

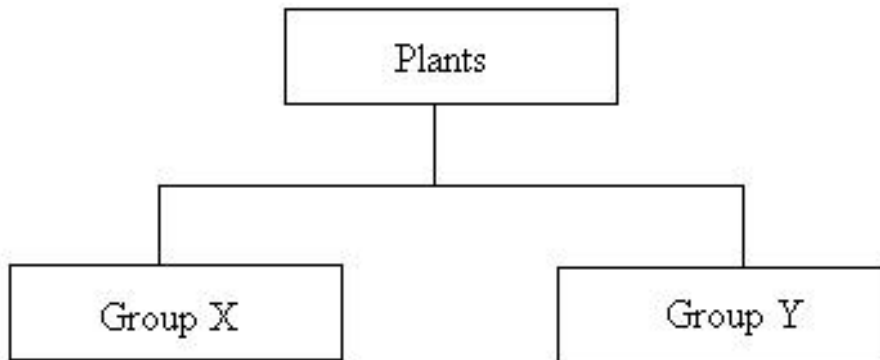
hen's egg

frog's egg

Which one of the following statements about the eggs is wrong?

- (1) The shapes of the eggs are different
- (2) Only the frog's egg is not laid on land.
- (3) Only the hen's egg must be incubated.
- (4) All the eggs contain a supply of food for the developing young.

16. Study the classification table given below.



Lotus
duckweed
Cattail
water hyacinth
 How are the plants grouped?

	Group X	Group Y
(1)	floating	partially submerged
(2)	land plants	water plants
(3)	water plants	land plants
(4)	partially submerged	floating

17. Which of the following pair of animals feed on plants only?

- (1) leopard and snake
- (2) chicken and mouse
- (3) bird and grasshopper
- (4) giraffe and hippopotamus

18. Ahmad is having a cold and he has lost his appetite for food. He has lost his sense of _____ and _____.

- (1) taste and sight
- (2) smell and taste
- (3) smell and sight
- (4) taste and touch

19. Emily was asked to group the organs below according to the body systems that they belong to. Which are the two organs that she has placed wrongly?

Respiratory system	Circulatory system	Digestive system
nose	lungs	mouth
heart	blood vessels	gullet

- (1) nose and gullet
(2) heart and lungs
(3) blood vessels and nose
(4) blood vessels and mouth

20. Which one of the following will change as a baby grow into an adult?

- (A) height
(B) weight
(C) fingerprints
(D) colour of his eyes
(1) A and B only
(2) C and D only
(3) A, B and C only
(4) A, B and D only

21. Which one of the following characteristics is common to both the bat and the ostrich?

- (1) Both have a pair of legs.
(2) Both give birth to its young.
(3) Both have wings and can fly.
(4) Both are reproduced from eggs.

22. The largest sense organ of our body is the _____.

- (1) skin
(2) ears
(3) eyes
(4) nose

23. Which one of the following sentences is NOT true about the usefulness of the plants in our lives?

- (1) Plants provide food for us.
- (2) Plants provide shelter for us.
- (3) Plants produce oxygen for us.
- (4) Plants produce carbon dioxide for us.

24. Which of the following changes do not take place in the change of a nymph to an adult cockroach?

- (A) size
- (B) shape
- (C) number of eyes
- (D) appearance of wings

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

25. A fruit is the part of a plant that has developed from the

- (1) leaf
- (2) roots
- (3) stem
- (4) flower

26. Which one of the following statements does not describe a system?

- (1) Umbrellas and cars do not form a system.
- (2) Plants and animals are examples of system.
- (3) Shoes and shirts are not examples of system.
- (4) A system may break down if a part of it is not working.

27. During _____, our heart will beat very fast.

- (1) eating
- (2) reading
- (3) running
- (4) sleeping

28. When Amy is chewing her food in her mouth, her tongue is used to _____.

- (1) chew the food
- (2) digest the food
- (3) mix the food to make it soft
- (4) cover the windpipe to prevent choking

29. Which one of the following do you expect to see on a moist bread which has been left in a warm place for a few days?

- (1) Mould
- (2) Puff balls
- (3) Jew's ears
- (4) Bracket fungus

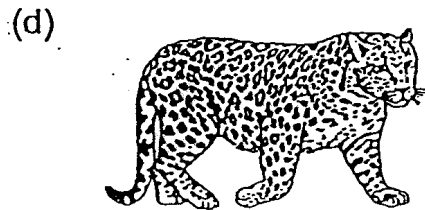
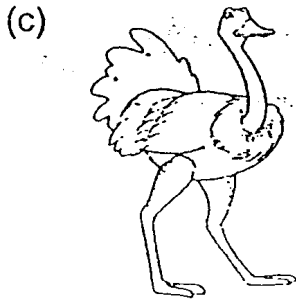
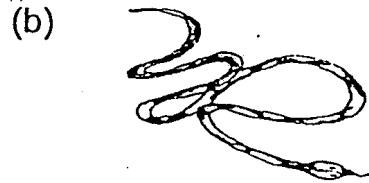
30. Bacteria is classified as a _____.

- (1) fungi
- (2) plant
- (3) animal
- (4) micro-organism

Section B (40 marks)

Write your answers for each question 31 to 46 in the blank spaces provided. Marks will be deducted for wrong spelling of key words.

31. Identify the outer covering of all the animals given below. (2m).



32. Study the diagram below.

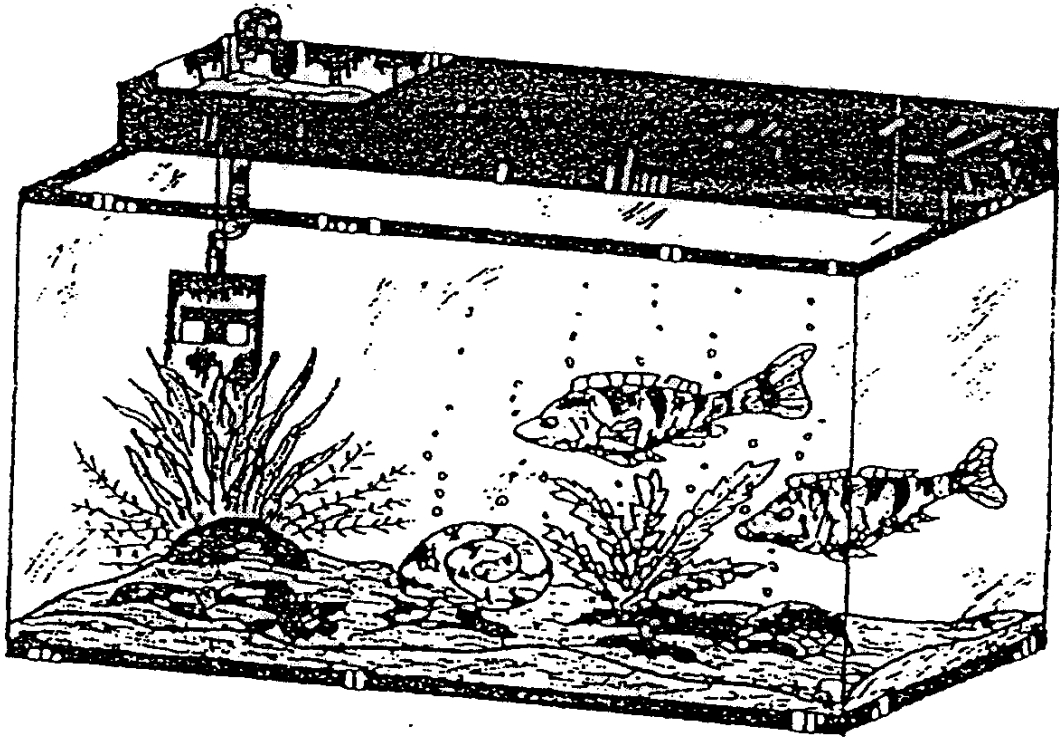


(a) Label the parts of the mushroom. (1m)

(b) On the mushroom, shade the part where the spores are found. (1m)

(c) Name one condition that enable a spore to grow? (1m)

33. Study the picture below. State two examples from the picture given for each group's heading. (2m)



Living Things

Non-Living Things

34. Fill in the blanks with a suitable word from the box. (2m)

expand	contact	oxygen	carbon dioxide
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Our respiratory system allows us to breathe in and out. Our lungs _____ when we breathe in and _____ when we breathe out. Breathing is a process by which _____ is taken in and _____ is given out.

35. Given the table below, fill in the blanks with the correct parts of a plant. (2m)

	Description	Plant Parts
(a)	It helps the plant to reproduce	
(b)	It helps the plant to make food	
(c)	It acts as a support for the branches	
(d)	It is brightly coloured and can have smells	

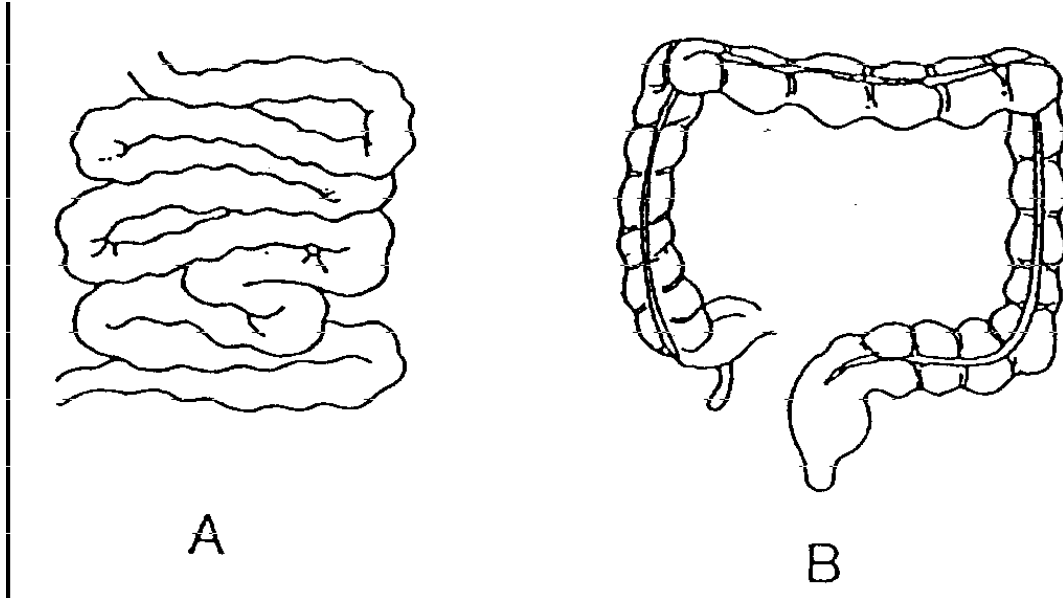
36. (a) The wings and legs of an insect can be found on the _____ . (1m)

(b) Why is a spider not classified as an insect? (1m)

37. In the diagram below, write the name of the organ that matches its use. (2m)

Use	Organ
To pass air from the nose to the lungs	
Digestive juice is added and food is passed to small intestine	

38. The diagrams below show two organs found in our digestive systems.



(a) Name the organs as shown in the diagrams. (2m)

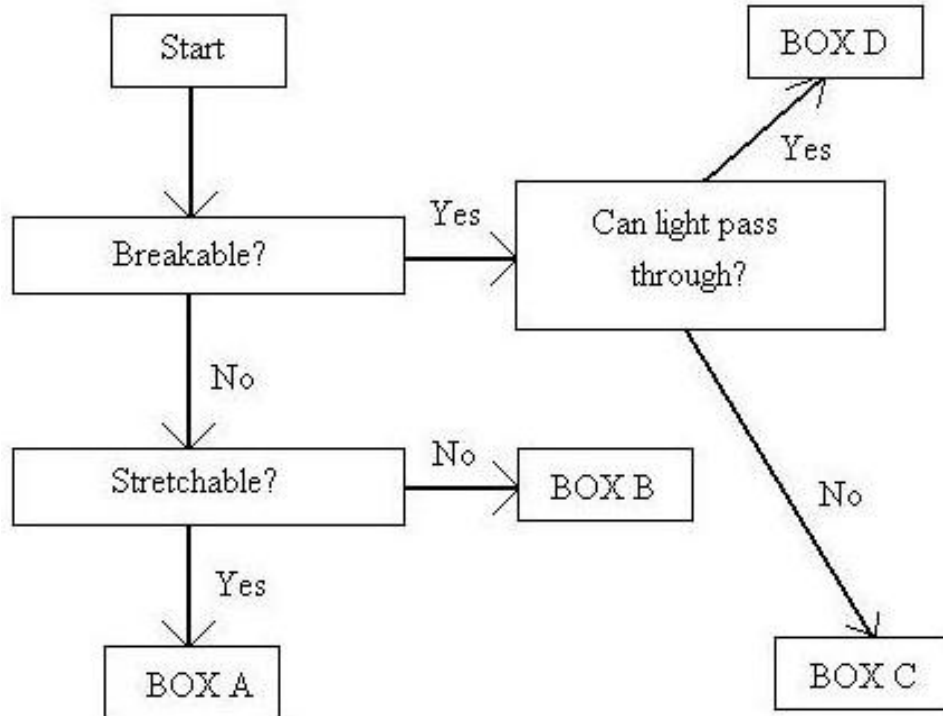
Organ A: _____

Organ B: _____

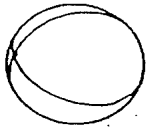
(b) Ali is a farmer. One day, he decided to conduct an experiment. He fed two hens, X and Y with equal amount of same food each day. For the next few days, he would measure the amount of droppings Hen X and Hen Y gave out each day. He found that the amount of dropping given out by the hens were not equal to the amount of food he fed them. Both the hens were healthy.

Explain why the amount of droppings from Hen X and Hen Y is not equal to the amount of food fed to them. (2m)

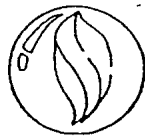
39. Study the flowchart used to sort the items below carefully.



(a) Based on the flowchart above, sort out the following objects. (2m)



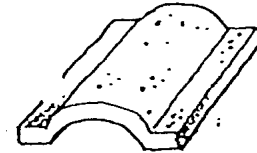
a rubber ball



a glass marble



a 5-cent coin



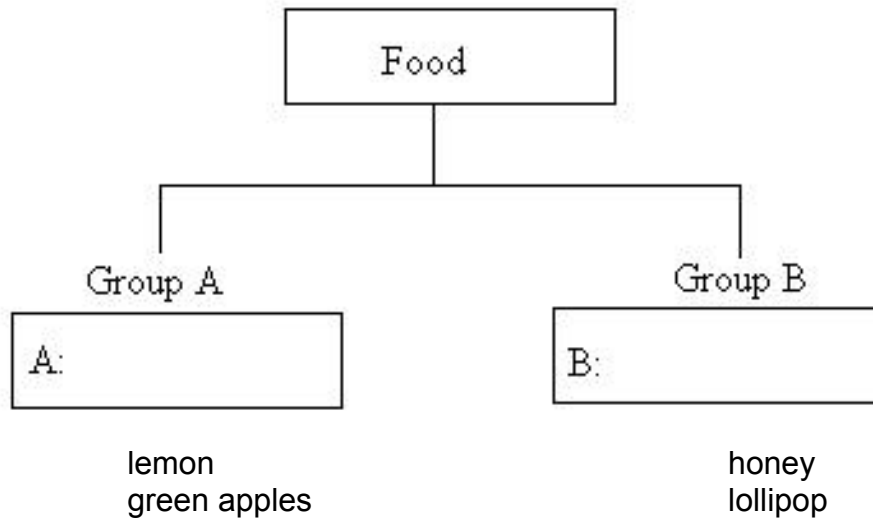
a clay tile

Box	Item	Material
B		
D		

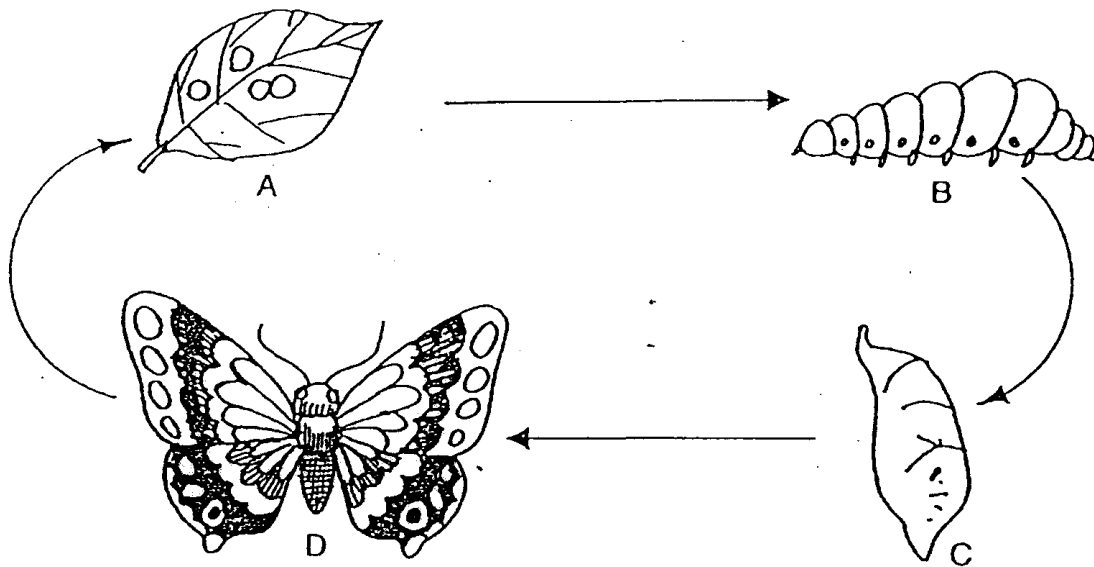
(b) Which two of the above materials can be used to make a pot to cook rice? (1m)

(c) Which one of the above materials can be made into a toy that can float? (1m)

40. Kevin was given some food. He separated them into two groups, A and B. Write down a suitable heading for each group. (2m)



41. The diagram below show the life cycle of a butterfly.



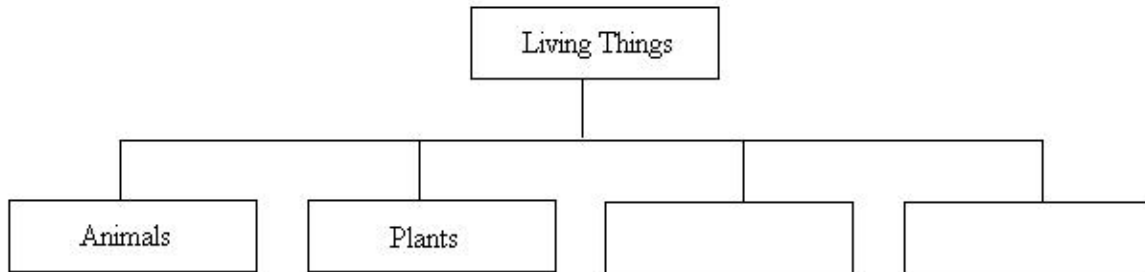
- (a) Identify stages B and C. (1m)

Stage B: _____

Stage C: _____

- (b) Name another insect that has the same number of stages in its life cycles as the butterfly. (1m)

42. Study the classification table below. Name the other two main groups that are classified under living things. (2m)



43. Study the table below and name the sense organ, which is used, for making observations A, B and C. (3m)

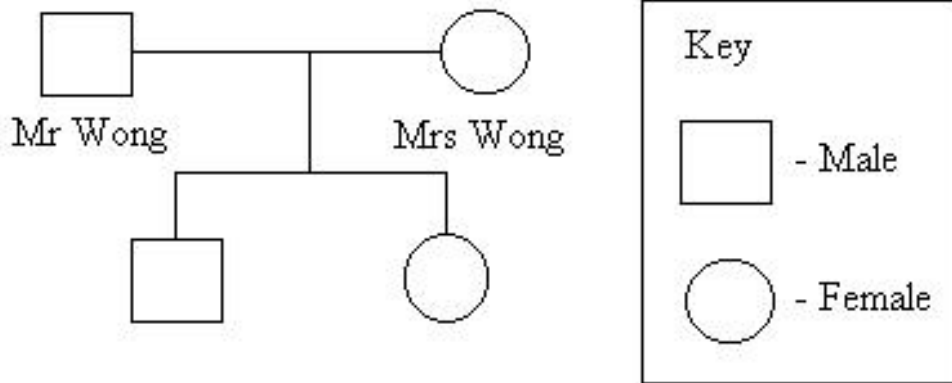
	A	B	C
Food X	sour	yellow	rough
Food Y	sweet	white	smooth
Food Z	bitter	green	spiky

- (a) My _____ is used to find out A.
- (b) My _____ is used to find out B.
- (c) My _____ is used to find out C.

44. Match the following. (3m)

skeletal system	helps different parts of the body move
muscular system	gives the body shape and support
circulatory system	carries blood to all parts of the body

45. Study the diagram of the family tree below.

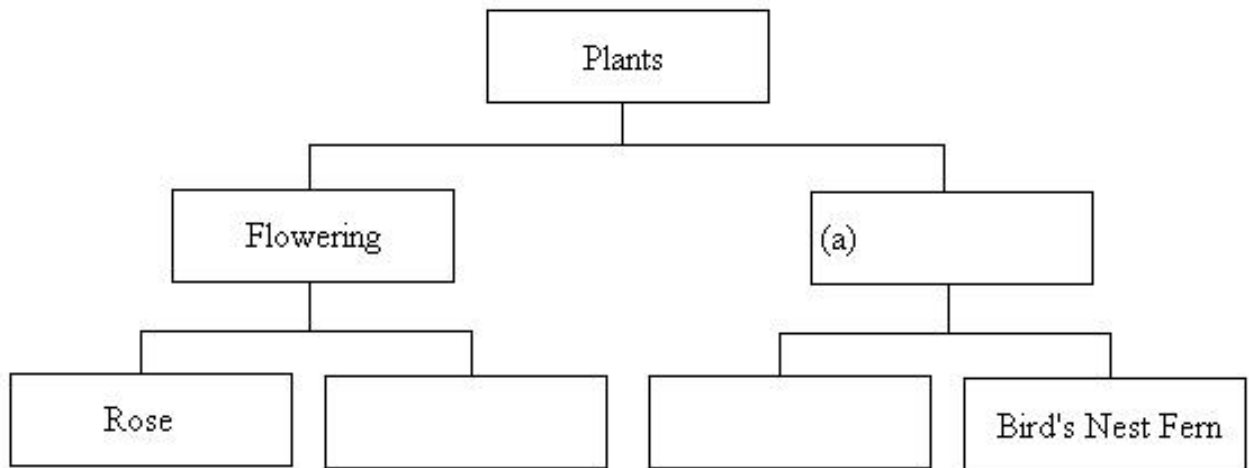


Characteristics	Mr Wong	Mrs Wong
Height	1.62m	1.84m
Type of hair	black, straight	black, straight
Colour of eyes	black	dark brown

(a) Based on the table above, state two characteristics that Leon, their son is most likely to have. (1m)

(b) Lynn, their daughter is tall and slim. Whose height is she likely to take after? (1m)

46. Study the classification table below carefully.



- (a) Fill in the sub-heading of the above table. (1m)
- (b) Where would you classify the Bougainvillea? (1m) _____
- (c) From the classification table, identify the plants that have woody stems. (1m)

- end of paper -