

**Catholic High School (Primary)**  
**Primary 3 Science 2022**  
**Weighted Assessment 2**

Name: \_\_\_\_\_ ( )

Class: Pri 3 \_\_\_\_\_

MARKS	20
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Date: 27 April 2022

Parent's Signature: \_\_\_\_\_

**Section A (6 × 2 marks)**

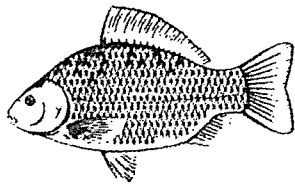
For each question from 1 to 6, four options are given. One of them is the correct answer. Make your choice (1, 2, 3 or 4). Write your answer in the brackets provided.

- 1 Which observation correctly matches the characteristic of living things?

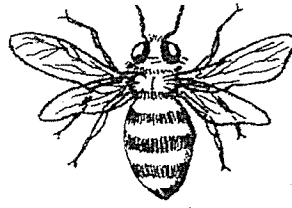
	<b>Observation</b>	<b>Characteristic</b>	
(1)	A frog lays eggs.	Living things can grow.	
(2)	A caterpillar changes into a butterfly.	Living things need air, food and water.	
(3)	A boy moves his foot away from a sharp object he had stepped on.	Living things can reproduce.	
(4)	A monkey swings from tree to tree.	Living things can move on its own.	( )



2 The diagrams below show two animals.



fish



insect

Which is a common characteristic of a fish and an insect?

- (1) Both lay eggs.
- (2) Both have six legs.
- (3) Both live on land only.
- (4) Both have scales on their body.

( )

3 The table below shows the characteristics of two groups of animals. A tick (✓) represents that the animal has the characteristic.

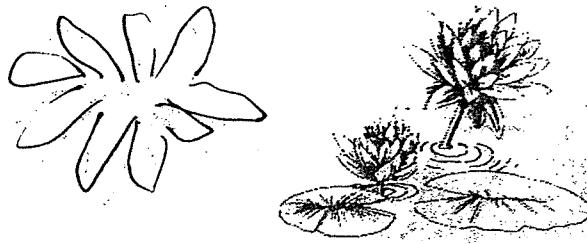
Characteristics	Group S	Group T
lives in water only		✓
has dry skin	✓	
reproduces by laying eggs	✓	✓
has scales	✓	✓

Which of the following best represents Groups S and T?

	Group S	Group T
(1)	bat	whale
(2)	crocodile	goldfish
(3)	whale	crocodile
(4)	crocodile	bat

( )

4 The diagram below shows a plant found in a pond.

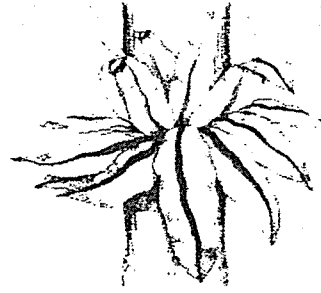
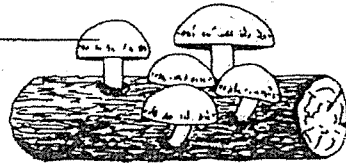


Which set of characteristics below best represents the above plant?

Characteristics		
has flower	makes its own food	grows on land
(1) ✓	✓	✓
(2)	✓	
(3) ✓	✓	
(4)		✓ ( )

5 Study the diagrams:

toadstool



bird's nest fern

Which statement(s) about the living things is/are not correct?

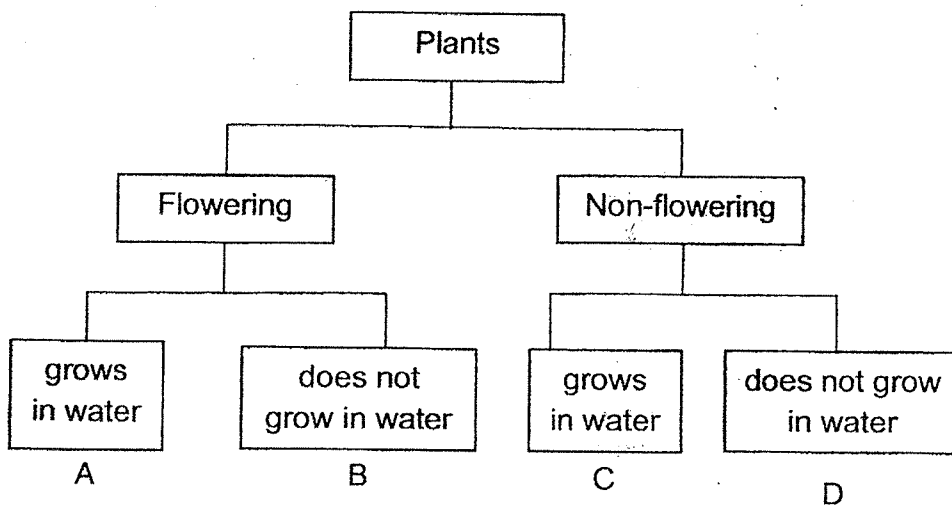
- A Both have flowers.
- B Both reproduce from spores.
- C Both cannot make their own food.

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

( )

6 The table below contains some information on two plants X and Y.

Characteristics	Plant X	Plant Y
bears flowers	✓	
grows on land		✓



From the information given in the table above, where would you classify plants X and Y in the diagram?

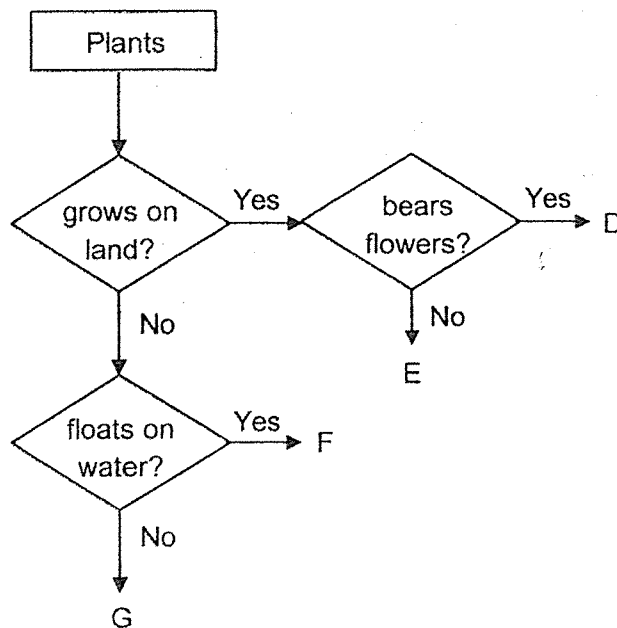
	Plant X	Plant Y
(1)	A	C
(2)	A	D
(3)	B	C
(4)	B	D

**Section B (8 marks)**

For questions 7 to 9, write your answers in this space provided.

The number of marks available is shown in brackets [ ] at the end of each question or part question. (8 marks)

7 Study the diagram.



(a) State a similarity between plants F and G. [1]

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(b) State a difference between plants D and E. [1]

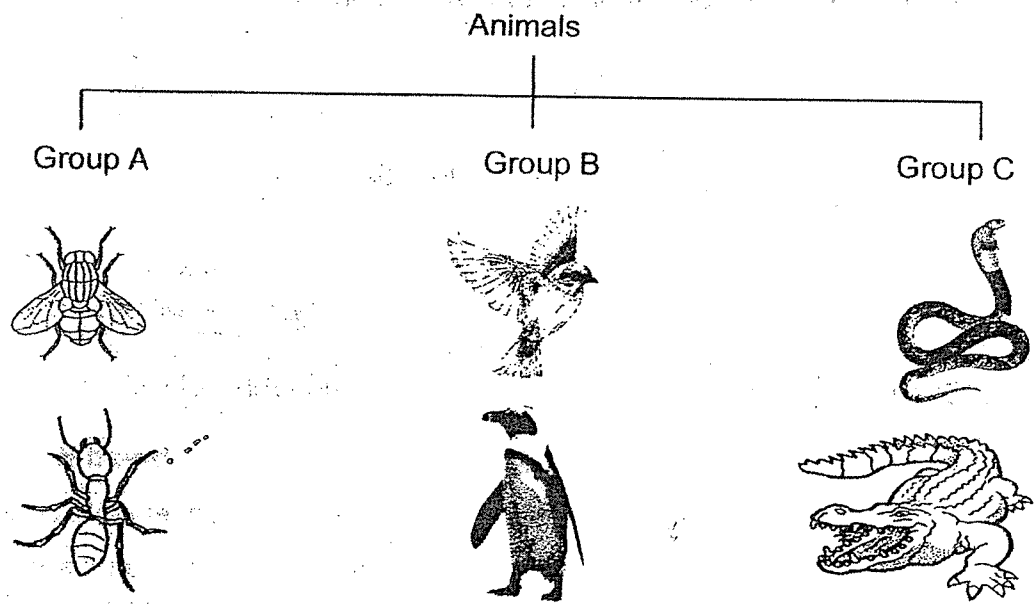
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SCORE	2
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8 Study the groups of animals.



(a) Name the group of animals for Group A and Group B. [1]

Group A: \_\_\_\_\_

Group B: \_\_\_\_\_

(b) Based on the diagram, state one main characteristic of the animals in Group C that is **not** a characteristic of animals in Groups A and B. [1]

\_\_\_\_\_

\_\_\_\_\_

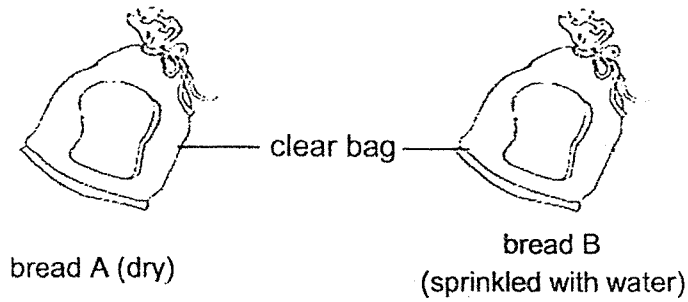
(c) Write "T" for true and "F" for false in the boxes. [2]

i.	Birds are the only animals with feathers.	
ii.	Amphibians live on land.	
iii.	Mammals produce milk for their young.	
iv.	Only insects lay eggs.	

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SCORE	4
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- 9 Amanda carried out an experiment using two pieces of bread A and B. They were placed on a table in the same room.



She recorded her observations for 7 days in the table below.

Day	bread A	bread B
2	no observable change	no observable change
4	no observable change	a few dark spots
7	no observable change	more dark spots

She observed that the dark spots on bread B were mould.

- (a) Which group of living things does mould belong to? [1]

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- (b) What should Amanda keep the same in this experiment?  
Put a tick (✓) in the correct box. [1]

	Tick (✓)
type of bread	
presence of water	
type of clear bag	

SCORE	2
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End of Paper



**Catholic High School (Primary)  
Primary 3 Science 2022  
Weighted Assessment 3**

Name: \_\_\_\_\_ (     )

Class: Pri 3 \_\_\_\_\_

MARKS	20
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Date: 3<sup>rd</sup> August 2022

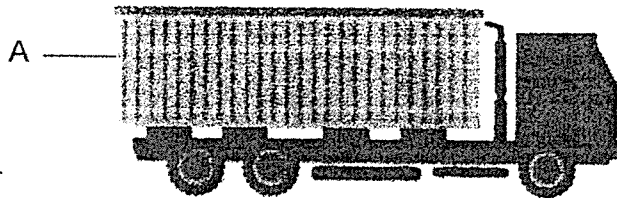
Parent's Signature: \_\_\_\_\_

**Section A (6 × 2 marks)**

For each question from 1 to 6, four options are given. One of them is the correct answer. Make your choice (1, 2, 3 or 4). Write your answer in the brackets provided.

1 A container truck is used to transport heavy objects.

What are the properties of the material used to make part A of the container?



Key

✓ : yes  
x : no

Property		
	flexible	strong
(1)	✓	x
(2)	x	✓
(3)	x	x
(4)	✓	✓

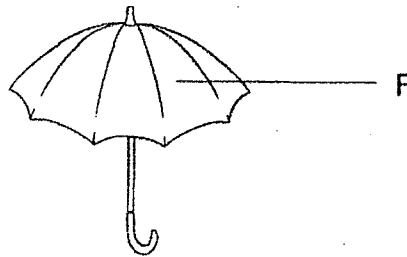
(     )

2 Which is **not** a function of the skeletal system?

- (1) to take in oxygen
- (2) to protect the brain
- (3) to support the body
- (4) to protect the lungs

(     )

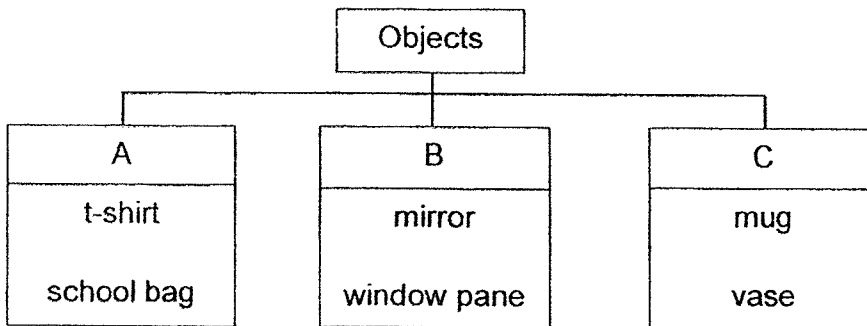
3 What material is part F of the umbrella most likely made of?



- (1) wood
- (2) glass
- (3) metal
- (4) plastic

( )

4 The objects are grouped according to the type of materials they are made of.

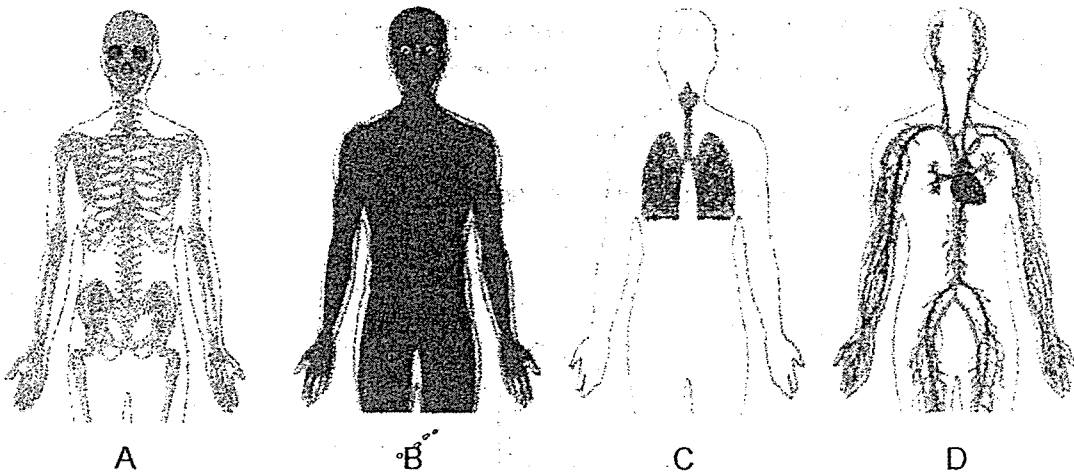


Which of the following correctly shows A, B and C?

	A	B	C
(1)	rubber	metal	glass
(2)	fabric	glass	ceramic
(3)	rubber	glass	metal
(4)	fabric	ceramic	rubber

( )

5 Study the four organ systems.

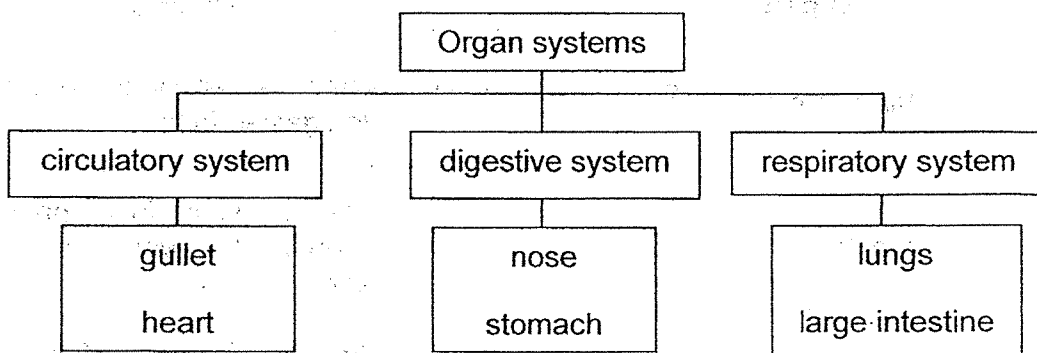


Which organ systems help Brandon to breathe faster and his heart to beat faster during a swim?

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

( )

6 Study the diagram.



Which organs are **not** grouped correctly?

- (1) lungs, gullet, nose
- (2) lungs, stomach, heart
- (3) gullet, nose, large intestine
- (4) heart, stomach, large intestine

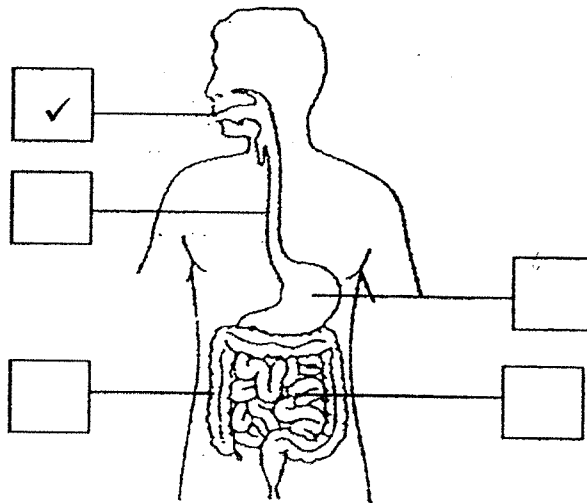
( )

**Section B (8 marks)**

For questions 7 to 9, write your answers in this space provided.

The number of marks available is shown in brackets [ ] at the end of each question or part question. (8 marks)

7 The diagram shows the human digestive system.

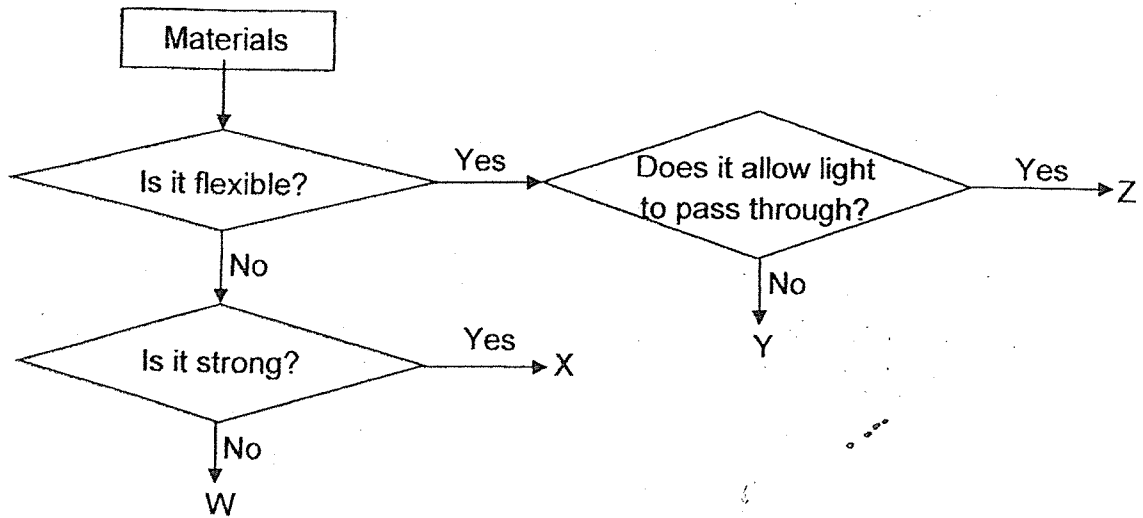


- (a) Put a tick (✓) in the box(es) where digestive juices are added. The first one has been done for you. [1]
- (b) Draw a line to match each organ to its function. [1]

Organ	Function
large intestine	Water is removed from the undigested food.
mouth	The digested food passes through the walls into the blood.
small intestine	Digestion starts. Food is chewed and mixed with saliva.

SCORE	2
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8 The diagram shows the properties of materials W, X, Y and Z.



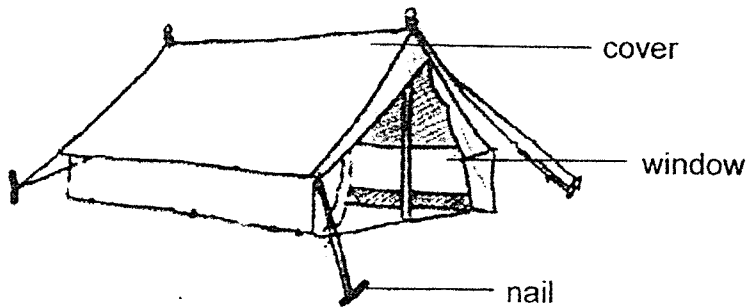
(a) State one similarity between materials Y and Z. [1]

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(b) State the properties of material W. [1]

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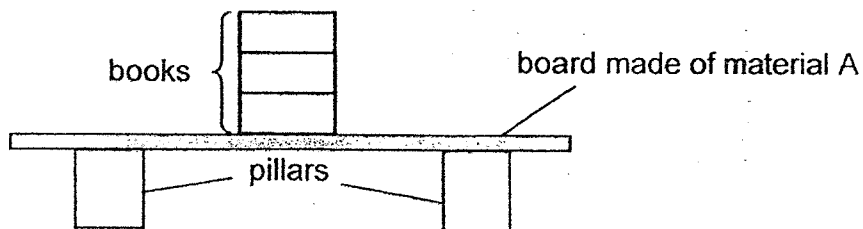
The diagram shows an outdoor tent.



(c) Write "T" for true and "F" for false in the boxes. [1]

i.	Material X can be used to make the nail.	
ii.	Material Z can be used to make the window.	

- 9 Paul placed a board made of material A over two pillars. Next, he stacked similar books, one at a time, on the board until it broke. He repeated the experiment using boards made of materials B and C.



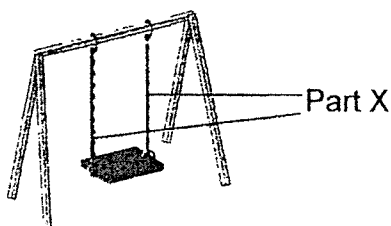
His results are shown in the table.

Material of board	Number of books the board could hold before it broke
A	3
B	10
C	16

- (a) Which property of the materials was Paul trying to find out? Put a tick (✓) in the correct box. [1]

	Tick (✓)
flexibility	
strength	
transparency	

- (b) Which material A, B or C is most suitable to make part X of a swing? Explain why. [2]




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End of Paper

SCORE	3
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## ANSWER KEY

SCHOOL : CATHOLIC HIGH SCHOOL (PRIMARY)  
LEVEL : Primary 3  
TERM : Weighted Assessment 2  
SUBJECT : Science  
YEAR : 2022

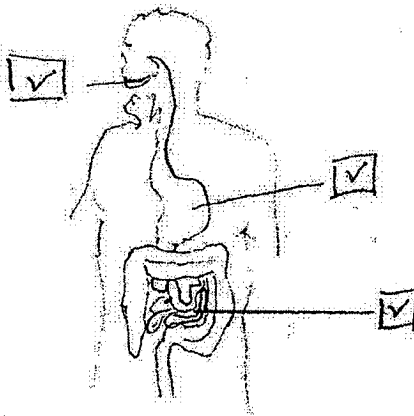
Q1	4	Q2	1	Q3	2	Q4	3	Q5	4
Q6	2								

Q7	a) They both do not grow on land. b) Plant D bears flowers while Plant E does not bear flowers.
Q8	a) Group A: Insects Group B: Birds b) Group C has dry skin with scales. c) i) T ii) F iii) T iv) F
Q9	a) Fungi b) Type of bread ✓ Presence of water Type of clear bag ✓

## Weighted Assessment 3

Q1. 2    Q2. 1    Q3. 4    Q4. 2    Q5. 4    Q6. 3

Q7(a)



- Q7. b. large intestine — water is removed from the undigested food.
- mouth — Digestion starts. Food is chewed and mixed with saliva.
- small intestine — The digested food passes through the walls into the blood.

Q8(a) Y and Z are flexible.

(b). W is not strong and not flexible.

(c) i. T

(c) ii. T.

Q9. (a) strength

(b). C.

Material C because C could hold the most number of books so C is the strongest.

Z  
END