Instructions :

1. Each question carries a different score, as indicated at the end of the question.

2. Students must select only the one best answer for each question.

1. Use the diagram below to answer the question.

				
A. Truck	**B. Jellyfish**	**C. Tree**	**D. Rook**	**E. Fox**

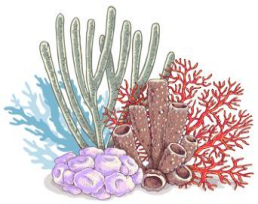
Which one can respond to stimuli? (2.5 marks)

1. A and C only
2. B, C, and E only
3. A, B, and E only
4. A, B ,D, and E only

2. Study the organisms below. What are the common characteristics for these four living things? (2.5 marks)





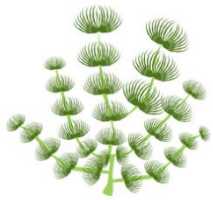




1. It can make food.
2. It can not see.
3. It needs food to live.
4. Able to move or move on their own throughout life.

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3. Study the five types of plants below:

				
A	B	C	D	E

If the habitat criteria is used, which kind of plant should be in the same group as the lotus? (2.5 marks)



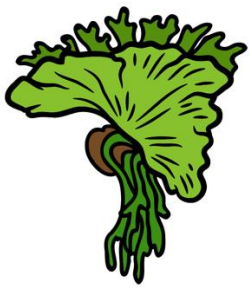
lotus

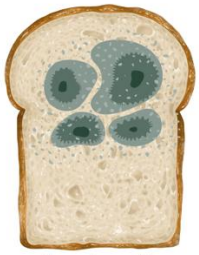
1. A and B only
2. B and E only
3. A , B, and E
4. A, B ,D, and E

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4. Study the two groups of living things below.


mushroom


staghorn fern


bread mould

Group A


mango tree


orange tree


banana tree

Group B

The living things above are divided into two groups based on how they _____.

(2.5 marks)

1. reproduce
2. store food
3. use light to make food
4. take up nutrients from the ground

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5. Which action is the most appropriate for organ care? (2.5 marks)
    1. Use a hard stick to pick your ears.
    2. Listen to loud music.
    3. Read a book in a well-lit place.
    4. When dust gets into your eyes, wash them thoroughly with soapy water.

6. Which of the following are the internal organs involved in the entire digestive system? (2.5 marks)
    1. Nose, heart, and lungs
    2. Stomach, small intestine, and liver
    3. Mouth, stomach, and small intestine
    4. Hands, mouth, and small intestine

7. Which of the following correctly describes the function of a body part? (2.5 marks)
    1. Nose hair filters out harmful gases from the air.
    2. The stomach removes wastes from the body.
    3. The lungs exchange gases between the body and the air.
    4. The brain makes the body stronger.

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8. Which of the environment can these five species of organisms most likely be found? (2.5 marks)



Crabs



Clams



Mudskipper



Birds eat fish



Mangrove tree

1. Seaside
2. Forest
3. Mangrove
4. Waterfall

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9. A cup can be made of a variety of materials. Which one of the materials below must be coated with a waterproof material before it is used to make a cup? (2.5 marks)

1. Paper
2. Porcelain
3. Plastic
4. Metal

10. Scientists classify the following items.

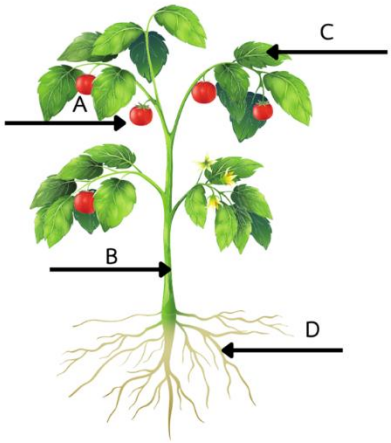
		
Group 1	**Group 2**	**Group 3**

Which of the following classifications is correct for groups 1, 2 and 3? (2.5 marks)

1. Shape of things
2. Ease of use
3. Ability to conduct heat
4. Type of material used

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11. The picture below shows various parts of the plant.



Which part is responsible for photosynthesis (making food)? (3.5 marks)

1. A
2. B
3. C
4. D

12. Study the classification of plants into two groups.

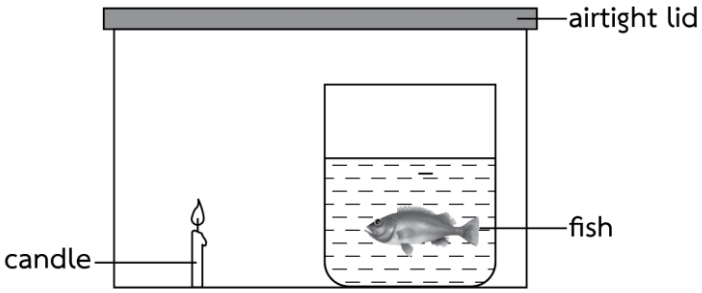
Group A	
Group B	

Which classification criteria is most appropriate? (3.5 marks)

1. Taste
2. Shape of the fruit
3. Number of seeds
4. Characteristics of the surface of the fruit

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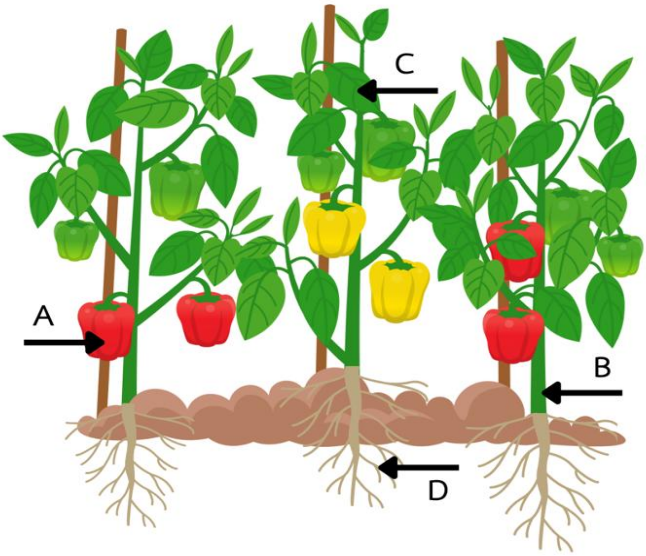
13. The diagram below shows a fish in the aquarium with a burning candle. The aquarium was sealed airtight with a lid that conducts heat away from the candle to maintain a constant temperature.



Which of the following could be the cause of the fish dying after two hours? (3.5 marks)

1. The lack of heat
2. The lack of food
3. The lack of water
4. The lack of air (oxygen)

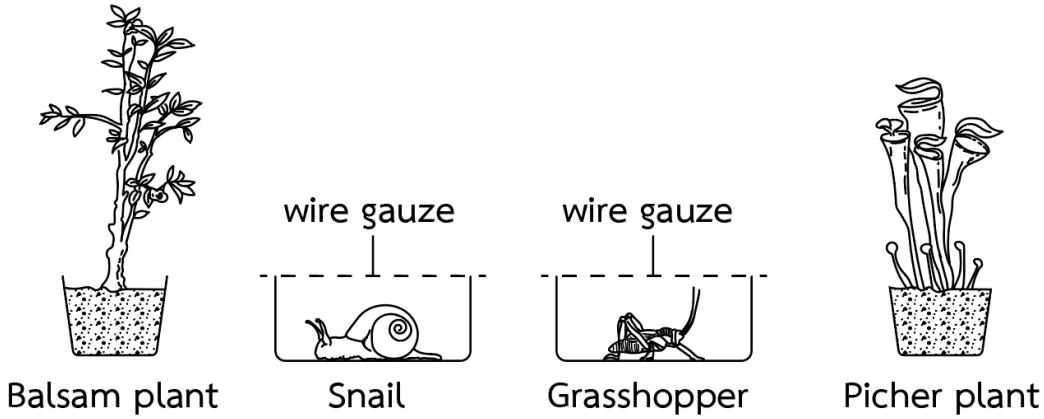
14. Study the different sections of the plant. If you want to grow more new plants, which part should be propagated? (3.5 marks)



1. Part A
2. Part B
3. Part C
4. Part D

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15. Four living things are kept in different containers placed under sunlight and receive water daily.



Which of the organisms will likely be alive after a week? (3.5 marks)

1. Balsam plant only
2. Balsam plant and pitcher plant
3. Balsam plant and grasshopper
4. All of the above

16. Lisa wants to find out if light from a tablet screen affects the eyes. Which is the best scientific method? (3.5 marks)

1. Use the tablet daily and check if her eyes hurt
2. Ask friends if their eyes hurt after using tablets
3. Compare one group using tablets and another group not using them
4. Read books about the eyes

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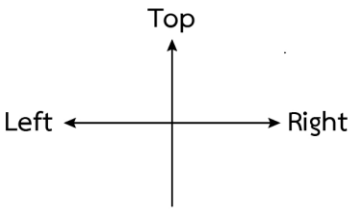
17. A group of young scientists went out to explore the forest behind the school and noticed that there were footprints of many types of animals from the fabric. How many types of animal footprints are there in total? (3.5 marks)



1. 3 Types
2. 4 Types
3. 5 Types
4. 6 Types

18. The diagram below shows a potted plant four days after it was enclosed in a large box with an opening on one of its sides.





Where is the opening on the box located? (3.5 marks)

1. On top of the plant
2. In front of the plant
3. On the left of the plant
4. On the right of the plant

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19. A group of children made these observations of different environments and recorded them in their journals.

Environments	Observations
A	bright, dry, and cool
B	dark, damp, and warm
C	stuffy, dark with varied temperatures
D	airy, bright with a constant temperature

Which environment is best suited for a millipede? (3.5 marks)

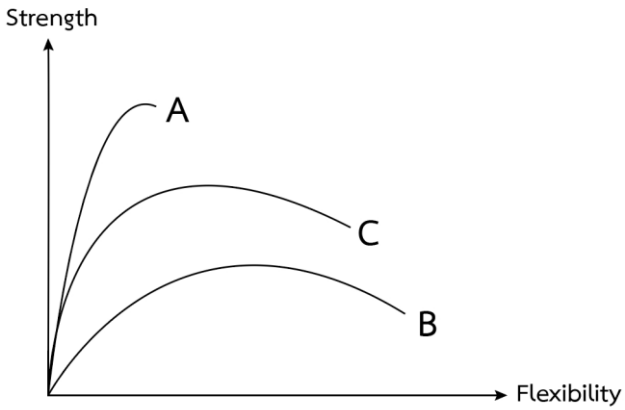


Millipede

1. A
2. B
3. C
4. D

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20. Three different materials: A, B and C were tested for their flexibility and strength. The results are shown in the graph below:



If you want to choose one material to construct a building or structure, which material should you choose and why? (3.5 marks)

1. Material A has the least strength.
2. Material A is stronger than material B and material C.
3. Material B is stronger than material A but is less flexible than material C
4. Material B is more flexible than material C but less flexible than material A.

21. Alan placed 100 g of food and 100 ml of water in three identical containers A, B, and C, each of which contains different objects. He recorded the amounts of food and water left after one week. (4.5 marks)

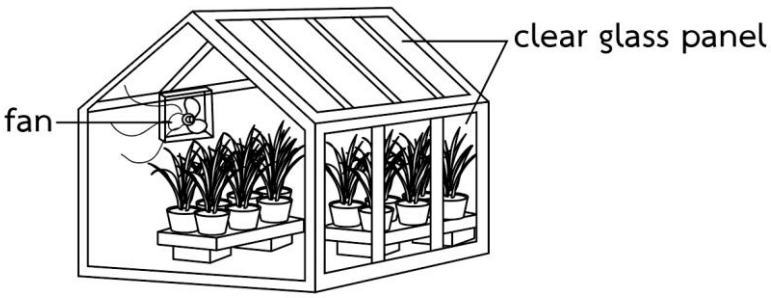
Container	Amount of food (g)	Amount of water (ml)
A	35	26
B	54	60
C	100	100

Based on the above information, which container(s) contain(s) living things?

1. A only
2. C only
3. A and B only
4. A, B, and C

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22. Zoe lives in Canada. She runs a business of supplying orchid flowers to some local florists. The diagram below shows her greenhouse in Canada during a season when daily temperatures are between 9 °C and 16 °C.

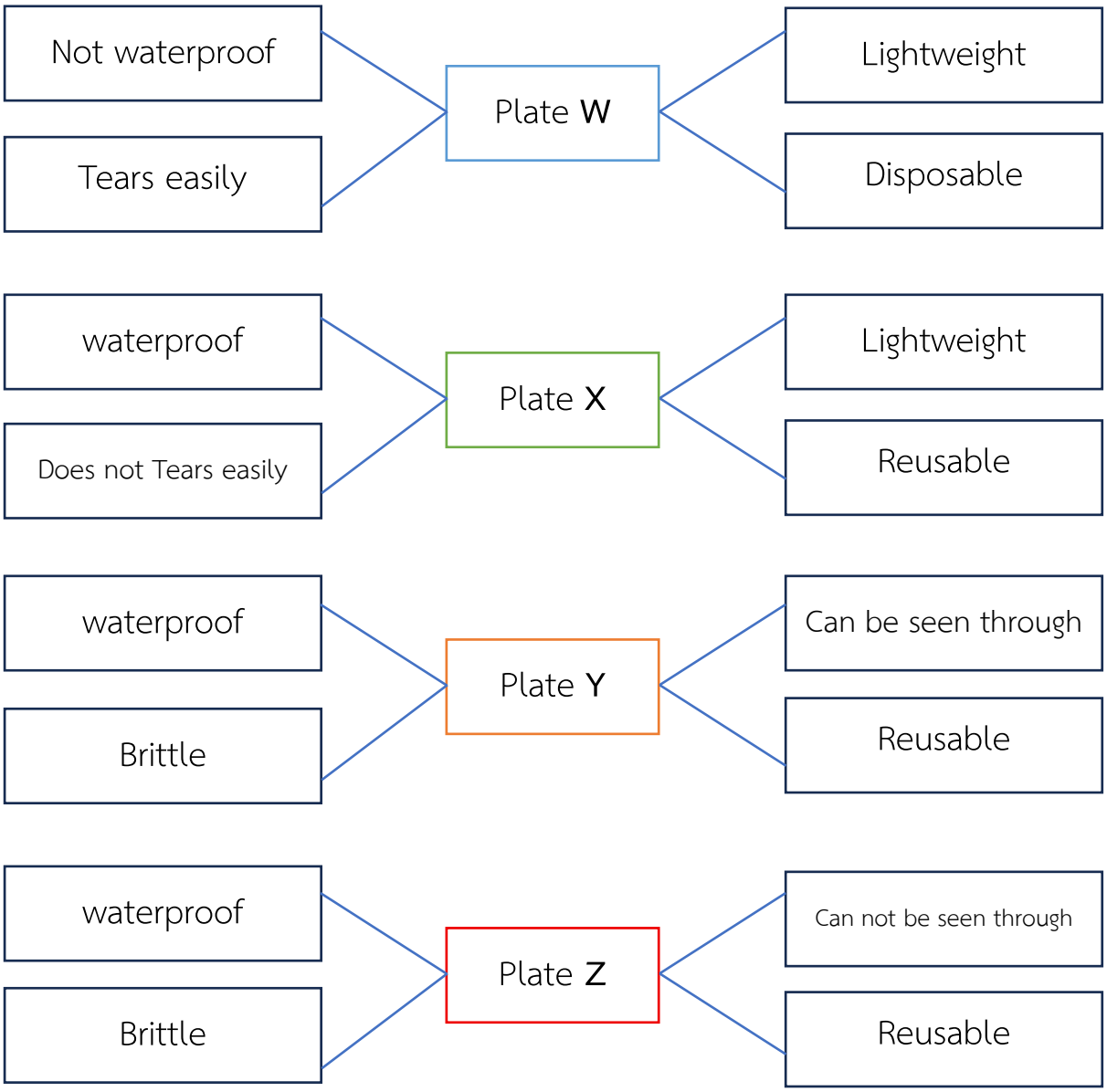


Orchids usually grow well in countries with temperatures between 25 °C and 32°C. How does the greenhouse help Zoe grow her orchids? (4.5 marks)

1. A greenhouse helps maintain humidity suitable for the growth of orchids.
2. A greenhouse allows more sunlight to enter inside.
3. A greenhouse is made of materials that can create a warm atmosphere.
4. The inside of a greenhouse is warm. At night, the outside air becomes colder, but the greenhouse stays pretty warm.

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23. Study the properties of plates W, X, Y and Z as shown on the diagram below:



Comparing the plates, which of the two plates are not suitable for toddlers?

(4.5 marks)

1. W and X
2. W and Y
3. W and Z
4. Y and Z

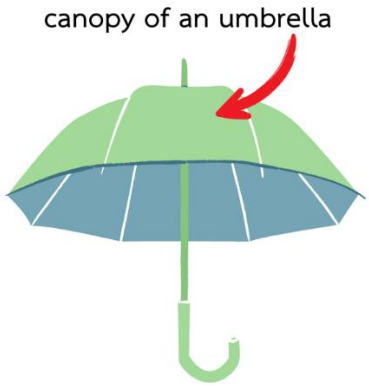
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24. There are four materials – P, Q, R, and S – that are similar in size. Peter wants to find out if these materials are waterproof. He weighs the masses of all four materials before immersing them in a basin of water. After five minutes, he takes them out of the water, wipes them with a towel, and weighs each of them again. The table below shows the recorded mass of each material.

Material	Mass before immersion (g)	Mass after immersion (g)
P	7	12
Q	9	15
R	8	8
S	13	16

Which material is most suitable for making the canopy of an umbrella?

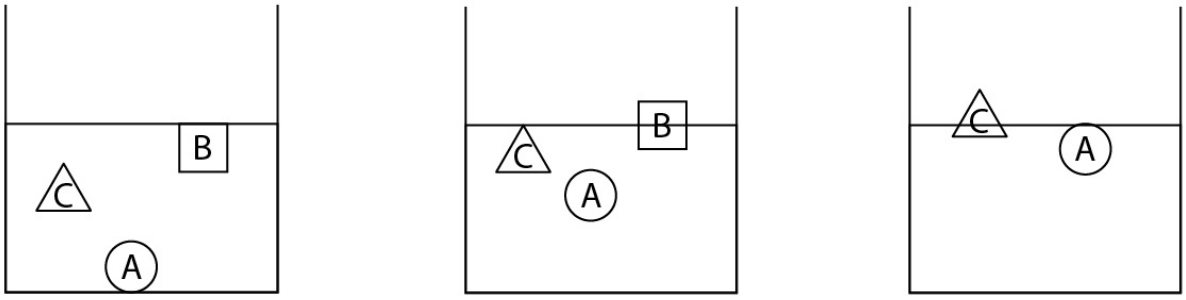
(4.5 marks)

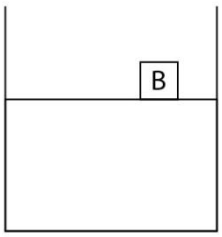


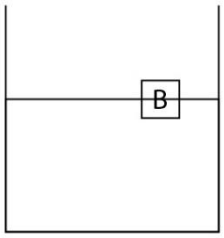
1. Material P
2. Material Q
3. Material R
4. Material S

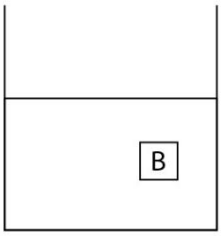
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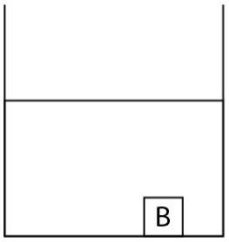
25. The diagram below shows the experimental results on sinking and floating properties when objects A, B, and C are placed in containers filled with tap water and seawater Then, objects A and C are placed in a container filled with honey. The results are shown in the image. Which of the following best describes what would likely happen when object B is placed in the container filled with honey?
(4.5 marks)



1. 

2. 

3. 

4. 

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26. Which external body parts are used and work together when a person eats rice? (2.5 marks)

1. Mouth, hands, and stomach
2. Mouth, ears, and hands
3. Mouth, eyes, and hands
4. Ears, hands, and feet

27. When Lily accompanied her mother to the supermarket, she saw the following poster that read, “Bring Your Own Bag.”



Bring Your Own Bag

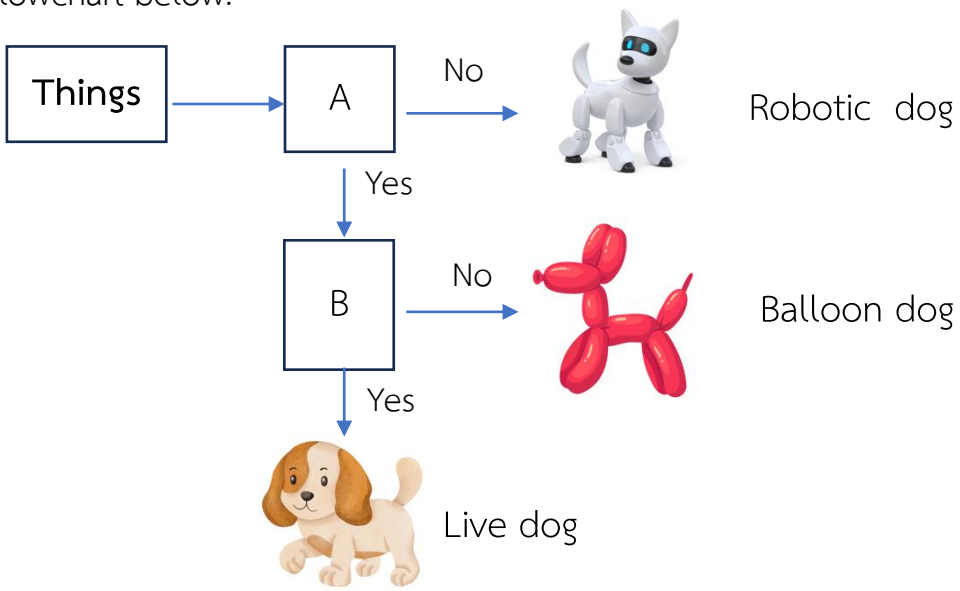
She found out that the supermarket discourages the use of plastic bags. Which of the following are reasons why the supermarket discourages the use of plastic bags? (3.5 marks)

A. Most plastic bags are non-biodegradable.
B. Plastic bags take up a lot of space in landfills.
C. A plastic bag is more long-lasting than a fabric bag.
D. A poisonous gas is given off when plastic bags are incinerated.

1. C only
2. C and D only
3. A, B, and D only
4. A, B, C, and D

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28. Study the flowchart below:



A and B are characteristics that can make the flow chart complete.

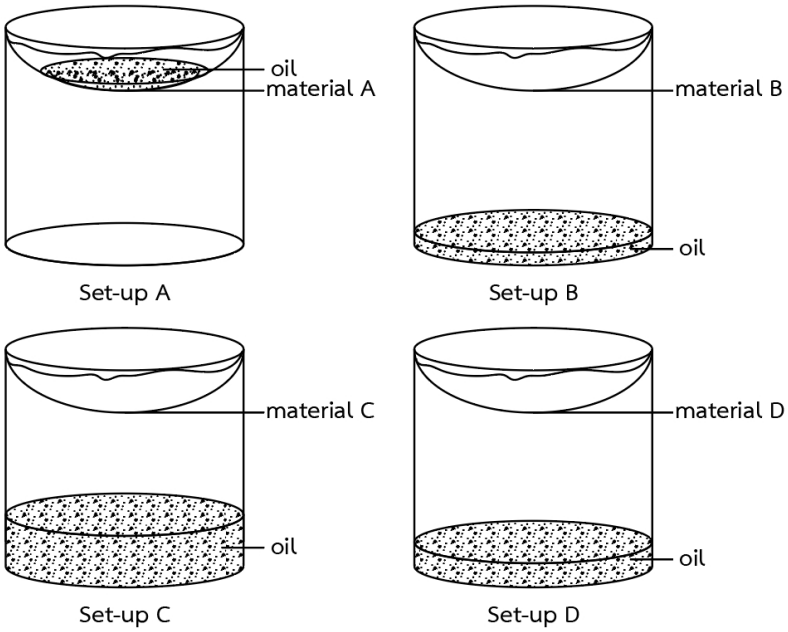
Which of the following questions can represent characteristics A and B?

(3.5 marks)

	A	B
1.	Does it move?	Does it need air?
2.	Does it need air?	Does it respond to its surroundings?
3.	Does it need water?	Does it grow?
4.	Does it need energy?	Does it need food?

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29. Sheela carries out an experiment to find out which material – A, B, C, or D – is the most suitable to soak up oil. She sets up the experiment as shown below, pouring the same amount of oil onto each material.

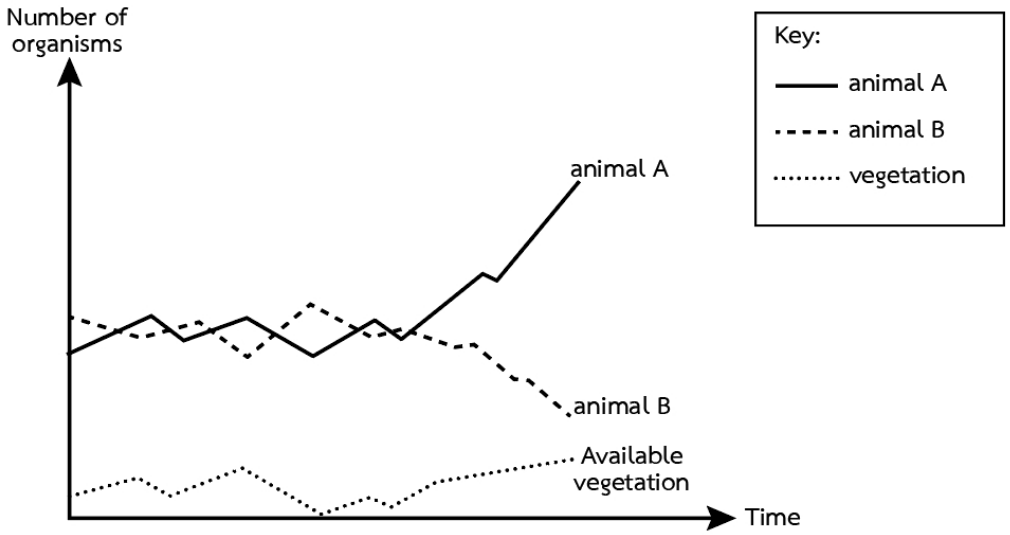


Which of the materials is the most suitable for soaking up oil? (3.5 marks)

1. Material A
2. Material B
3. Material C
4. Material D

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30. The graph below shows the relationship between two types of animals.



Based on the diagram, which of the following can be concluded about the roles of animals A and B? (4.5 marks)

1. Animal A is a plant-eater.
2. Animal B is a plant-eater.
3. Animals A and B are plant-eaters.
4. Animals A and B are not plant-eaters.

---------- End of Questions ----------

Please check your answers before submitting the answer sheet.

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คำตอบวิชาวิทยาศาสตร์ ชั้นประถมศึกษาปีที่ 1

ข้อ	คำตอบ	ข้อ	คำตอบ
1	2	21	3
2	3	22	4
3	3	23	4
4	1	24	3
5	3	25	1
6	2	26	3
7	3	27	3
8	3	28	2
9	1	29	1
10	4	30	2
11	3		
12	1		
13	4		
14	1		
15	2		
16	3		
17	4		
18	4		
19	2		
20	2		

** ข้อที่ 23 การพิมพ์ข้อสอบไม่สมบูรณ์ กรรมการจึงพิจารณาให้คะแนนทุกคน

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