ALADWAA

Gem



Science

الصف 5 الابتدائى

النماذج النهائية للفصل الدراسى الأول

العام الدراسى 2024 - 2025

Model (1)

15 Marks

1 (A) Choose the correct answer:

1 ..... is a part of the plant that anchors the plant in the soil.

a) Root b) The leaf c) The phloem d) Stem

2 ..... is one of the physical properties of matter.

a) Rusting of iron b) Color of tomatoes

c) Burning of paper d) Rotten of fruit

3 When a giraffe eats grass, the grass is considered a ..... consumer.

a) first b) second c) third d) last

(B) Give a reason:

– A book is considered matter.

.....

2 (A) Correct the underlined word:

– Sea turtles eat wooden materials, thinking they are jellyfish. (.....)

(B) Look at the opposite figure, then answer:



1 Water vapor rises in the opposite figure as a result of

.....

2 What happens to the water vapor after touching a cold object?

.....

3 (A) Write the scientific term:

– A structure inside plant leaves that gives them their green color and absorbs sunlight.

(.....)

(B) Form a food chain using the following living organisms, then mention the importance of the sunlight in each one of them:

1 Rabbit - sunlight - lion - green grass.

.....

2 Shark - algae - sea urchin - parrotfish.

.....

.....

ONLAWN Gem

Model (2)

15 Marks

1 (A) Complete the following sentences using the words between the two brackets:

1 Oil takes the ..... of its container. (mass - shape)

2 ..... is the model that shows how energy passes from one living organism to another in an ecosystem. (Food chain - Food web)

3 When mixing materials together, their masses ..... after mixing. (change - don't change)

(B) Mention two ways of seed dispersal:

1 ..... 2 .....

2 (A) Write the scientific term:

– A measuring tool used to measure the mass of fruits and vegetables. (.....)

(B) What happens when ...?

1 The water temperature around coral reefs increases.

.....

2 A piece of ice is left under sunlight.

.....

3 (A) Put (✓) or (✗):

– Physical changes cause the changing of the matter structure. ( )

(B) Give a reason:

1 Wood is not used to make electrical wires.

.....

2 Coral reefs are considered an ecosystem.

.....

ALPWA Gem

Model (3)

15 Marks

1 (A) Correct the underlined words:

1. Helium gas is heavier than air. (.....)
2. Filtration is a method for forming mixtures. (.....)
3. Water and air are living components of the ecosystem. (.....)

(B) What happens if ...?

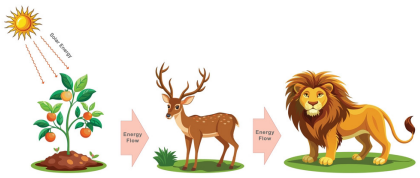
– Decomposers disappear from the ecosystem.

.....

2 (A) Complete the following sentence using the words between the two brackets:

– ..... is the substance that is used to make gloves. (Rubber - Copper)

(B) Look at the opposite figure, then answer:



1. Why is deer considered a secondary consumer in this food chain?

.....

2. What happens if the light energy of the sun disappears?

.....

3 (A) Put (✓) or (✗):

– Chemical changes produce new matter. ( )

(B) Look at the opposite figure, then answer:

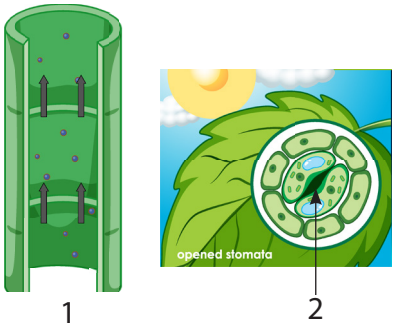
1. What is the name of structure no. 1 and its function in the plant?

.....

.....

2. What is the importance of structure no. 2?

.....



Model (4)

15 Marks

1 (A) Choose the correct answer:

1. The growth rate of seeds in soil is ..... its growth rate in a towel.

   a) greater than b) less than c) equal to d) twice

2. ..... is considered a liquid material.

   a) Oxygen b) Flour c) Milk d) Wood

3. All of the following reduce marine pollution with plastics, except ..... .

   a) recycling plastic b) using wood products

   c) using glass products d) increasing the use of plastic products

(B) What happens when .... ?

– Mango juice is poured into a glass.

.....

2 (A) Correct the underlined word:

– The snake feeds on other organisms, so it is a decomposer. (.....)

(B) Look at the opposite figure, then answer:



1. Making a cake is considered a ..... change because .....

   .....

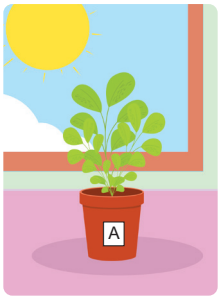
2. Cutting the cake into many pieces is considered a ..... change because .....

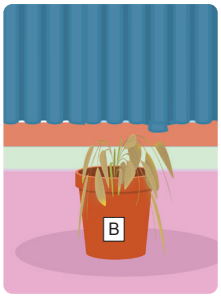
   .....

3 (A) Complete the following sentence using the words between brackets:

– The difference between vinegar and alcohol can be distinguished by their (odor - taste).

(B) Look at the opposite figures, then answer:





1. The plant grows better in pot ..... because .....

   .....

2. The plant doesn't grow well in pot ..... because .....

Model (5)

15 Marks

1 (A) Choose the correct answer:

1. Plants use carbon dioxide gas for ..... . (photosynthesis - respiration)
2. The material that sinks in water is the ..... . (cork - metal)
3. Freezing process is the opposite of ..... process. (evaporation - melting)

(B) Look at the opposite figure, then answer:



– Mention the importance of the carrot to the rabbit.

.....

2 (A) Write the scientific term:

– Anything that has a mass and takes a space. (.....)

(B) Give a reason:

1. Coral reefs are important for tourism.

.....

2. Helium is used to fill balloons and blimps.

.....

3 (A) Arrange the following food chain:

– Aquatic insects → small fish → shark → marine plants.

.....

(B) What happens when ....?

1. Sunlight does not reach Earth.

.....

2. A piece of iron is left in humid air.

.....