ALADWAA

Gem



Science

الصف 6 الابتدائى

نماذج اختبارات الأضواء لشهر إبريل

الفصل الدراسى الثانى 2024 - 2025

Model (1)

5 Marks

1 (A) Choose the correct answer:

1. Dorcas gazelle lives in ..... .

a) tropical area b) desert area c) north pole d) south pole

2. ..... processes help in soil formation.

a) Melting and erosion b) Freezing and erosion

c) Weathering and erosion d) Cooling and weathering

(B) What happens when ...?

1. Plants in an ecosystem receive too intense light. ..... .
2. There are differences in the size of particles of different inorganic materials of soil.

..... .

2 (A) Complete the following sentences:

1. The available amount of light and water affects the ..... process in plants.
2. From living organisms that live in soil are ..... and .....

(B) Give a reason for:

1. Falcons and eagles migrate to Egypt in winter.

.....

2. Forest fires have cycle in nature.

.....

3 Answer the following:

1. Classify the following types of adaptations into structural and behavioral adaptation.

"strong sense of smell – move in groups – walk on two legs – have sharp teeth – migration every year"

Structural adaptation	Behavioral adaptation
.....	.....
.....	.....

2. Mention the ways to reduce the soil erosion.

a) ..... .

b) ..... .

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Model (2)

5 Marks

1 (A) Put (✓) or (×):

1. Ecosystems contain biotic and abiotic factors. ( )
2. The soil consists of a mixture of organic materials only. ( )

(B) Answer the following:

1. Cross out the odd word:

   Lizard – Palm – Opuntia – poison dart Frog. (.....)

2. Mention the three types of soil:

   1- .....

   2- .....

   3- .....

2 (A) Write the scientific term:

1. The factors that include living organisms in ecosystem. (.....)
2. They are organisms that clean the environment by decomposing the dead organisms.

   (.....)

(B) Give a reason:

1. Lizard body is covered with sandy colored scales.

   .....

2. Volcanic eruptions have cycle in nature.

   .....

3 Answer the following:

1. Mention the light factors that affect the plant's growth:

   .....

   .....

2. Mention two ways to reduce the water pollution:

   .....

   .....

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Model (3)

5 Marks

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

1. All living organisms inherited ..... factors which transferred from parents to their offspring. (genetic – environmental)
2. ..... dissolve soil minerals. (Rocks – Rains)

(B) What happens when ...?

1. The genetic factor of hairless body is transferred from sphynx cats' parents to their offspring.

.....

2. There are different amounts of organic materials in the soil.

.....

2 (A) Choose the correct answer:

1. All the following are inherited traits in human, except ..... .

a) eye color b) nose shape c) fur color d) ear shape

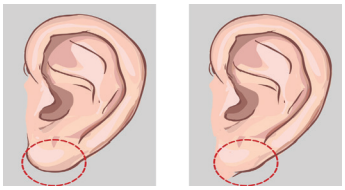
2. When the temperature of the environment increases, the ..... .

a) soil becomes wet b) soil dries up

c) various crops grow in the soil d) nutrients increase

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

1. The trait in the opposite figure is controlled by ....genetic factor .....
2. Write two other traits that are transferred from parents to offspring in human.



.....

.....

3 Answer the following:

1. Cross out the odd word:

Eating healthy food – Doing exercises – Drinking soda – Drinking water. (.....)

2. Compare between soil in bogs and in savannah:

P.O.C	Bogs	Savannah
The type of soil	.....	.....
Living organisms that live in them	.....	.....

Model (4)

5 Marks

1 (A) Choose the correct answer:

1 Genes are tiny structure that are found in ..... .

a) the cell nucleus
b) the cell membrane
c) the cell wall
d) mitochondria

2 ..... are natural changes that cause habitat destruction.

a) Building houses
b) Building factories
c) Hurricanes
d) Waterfalls

(B) Define:

1 Genes:

.....

2 Invasive species:

.....

2 (A) Correct the underlined words:

1 Antarctica is a **hot** desert biome. (.....)

2 Dead plants are from the **inorganic** materials of the soil. (.....)

(B) Answer the following:

1 Cross out the odd word:

Human – Air – Plants – Animals. (.....)

2 Write the ways of soil restoration:

1 .....

2 .....

3 Give reason:

1 Most of desert plants have short extended roots near the Earth's surface.

.....

2 There are different types of soil.

.....

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Model (5)

5 Marks

1 (A) Put (✓) or (×):

1. Most of animals which live in arctic environment have dark and thin fur. ( )
2. Adding animals manure helps to return back nutrients into the soil. ( )

(B) What happens if...?

1. African penguin has dense feathers around each of its eyes.

.....

2. Disappearance of large predators from an area.

.....

.....

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

1. Living organisms get the ..... factors from their parents. (genetic – environmental)
2. ..... soil contains the smallest particles in the soil. (Silt – Clay)

(B) Give a reason:

1. Some plants in deserts produce seeds that can live for a long time.

.....

2. Decomposers keep the balance of the ecosystem.

.....

.....

3 Define the following:

1. Migration:

.....

.....

2. Habitat:

.....