



ALADWANA

Gem



Science

الصف 6 الابتدائي

إجابات نماذج اختبارات الأضواء لشهر إبريل

الفصل الدراسي الثاني 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.**It may damage the plant**
- 2 There are differences in the size of particles of different inorganic materials of soil.
....**Changing the appearance and texture of the soil**..... .

2 (A) Complete the following sentences:

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

(B) Give a reason for:

- 1 Falcons and eagles migrate to Egypt in winter.
....**Because Egypt has moderate winter climate**
- 2 Forest fires have cycle in nature.
....**Because they release seeds from closed fruit**..... .

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

- 2 Mention the ways to reduce the soil erosion.
a)**Increasing the planted area**..... .
b)**Digging canals to collect the excess water**..... .

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. (.....**Poison dart frog**.....)

2 Mention the three types of soil:

1- **Sand soil**

2- **Silt soil**

3- **Clay soil**

2 (A) Write the scientific term:

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

(B) Give a reason:

1 Lizard body is covered with sandy colored scales.

..... **To protect its body from high temperature**

2 Volcanic eruptions have cycle in nature.

..... **Because they make the soil fertile**

3 Answer the following:

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

..... a- **The intensity of light**....

b- **Duration of exposure to light**....

2 Mention two ways to reduce the water pollution:

a- **Treatment of sewage**....

b- **Keeping green areas**....

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 ...?

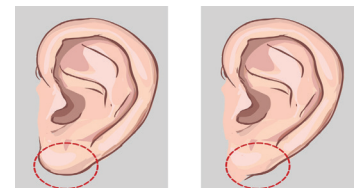
- 1 The genetic factor of hairless body is transferred from sphynx cats' parents to their offspring.
The sphynx kittens will also inherit the hairless body from their parents......
- 2 There are different amounts of organic materials in the soil.
Changing the appearance and the amount of nutrients in 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.



.....**1- The length of fingers**

.....**2- The length of the body**

3 Answer the following:

- 1 Cross out the odd word:
Eating healthy food – Doing exercises – Drinking soda – Drinking water. (...**Drinking soda**....)
- 2 Compare between soil in bogs and in savannah:

P.O.C	Bogs	Savannah
The type of soil	Clay soil	Sandy soil
Living organisms that live in them	Frogs – Mosquitoes	Grasses – small plants – deer – lion – Cheetah

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.
.....**It can't cool its body at high temperature of weather**.....
- 2 Disappearance of large predators from an area.
.....**Overpopulation of its prey and decrease in the resources of its food and water in this 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.
.....**To adapt to the shortage of rainfall**.....
- 2 Decomposers keep the balance of the ecosystem.
.....**Because they recycle the remains of dead plants and animals into chemical nutrients release into soil, water, and air**.....

3 Define the following:

- 1 Migration:
.....**It is a type of adaptation in which animals move in a certain season from one place to another**.....
- 2 Habitat:
.....**It is a place where living organisms live**.....