

Science

# نماذج اختبارات الأضواء

لشهر أكتوبر



المف  
**5**  
الابتدائي

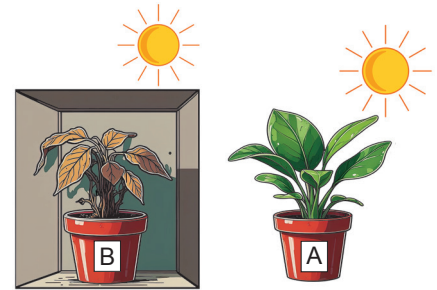
2026

1 A) Complete the following sentence:

- The ..... supports the plant leaves and flowers.

B) Answer the following questions:

- 1 In front of you is a plant whose shape has changed from picture (A) to picture (B). What is the reason for that?



- 2 Compare between the types of consumers in a food chain.

.....

.....

.....

- 3 The circulatory system is similar to the plant vascular system. Explain.

.....

.....

2 A) Put (✓) or (X):

- The xylem carries glucose from the leaves to the rest of the plant. ( )

B) Mention the importance or function of each of the following:

- 1 Decomposers

.....

- 2 Arteries

.....

3 A) Choose the correct answer:

- ..... increase the amount of water and nutrients absorbed by a plant.

a) Seeds                      b) Root hairs                      c) Xylem                      d) Leaves

B) Give a reason for each of the following:

- 1 Seeds of dandelion plants can disperse through wind easily.

.....

- 2 Consumers depend on producers to get their energy.

.....

**1 A) Choose the correct answer:**

- The plant absorbs ..... gas during the process of photosynthesis.  
a) oxygen                      b) carbon dioxide                      c) nitrogen                      d) helium

**B) Give a reason for each of the following:**

- 1** Soil is not one of the basic needs of plants.

.....

- 2** Lion is considered a predator.

.....

- 3** Photosynthesis process is important for plants to survive.

.....

**2 A) Write the scientific term:**

- It is a model of several interconnected food chains among living organisms within an ecosystem. (.....)

**B) What happens if ...?**

- 1** All primary consumers disappear from a food chain.

.....

- 2** Xylem is removed from the plant structure.

.....

**3 A) Complete the following sentence:**

- There are holes spread on the plant's leaves called .....

**B) Define:**

- 1** Plant reproduction

.....

- 2** Ecosystem

.....

1 A) Cross out the odd word:

- Lion – Tiger – Shark – Rabbit

B) What is meant by ...?

1 Veins.

.....

2 Producers

.....

3 Flowers

.....

2 A) Correct the underlined word in the following sentence:

- There are smaller vessels of xylem that connect the root to the leaves.

B) Answer the following questions:

1 Form a food chain using the following organisms:

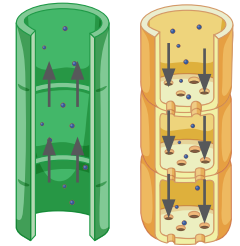
(Grasshopper – Bird – Grass – Hawk – Snake)

.....

2 Look at the opposite figures, then answer:

a) Xylem vessel represents the shape number .....

b) Phloem vessel represents the shape number .....



2

1

3 A) Choose the correct answer:

- The heart in the human circulatory system consists of .....
- a) two arteries and two ventricles      c) two atria and two ventricles
- b) two veins and two atria                d) two ventricles and two veins

B) Explain:

1 Soil fertility depends on decomposers.

.....

2 The presence of stomata on the surface of plant's leaves.

.....

1 A) Write the scientific term:

- It is the transportation of the seeds from one place to another. (.....)

B) Answer the following questions:

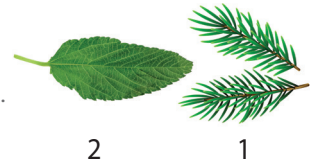
1 Look at the opposite figures, then answer:

- a) What are the types of the tree leaves in front of you?

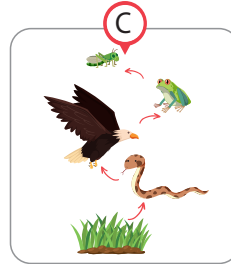
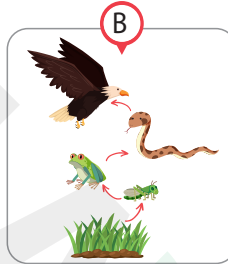
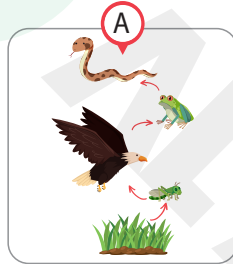
.....

- b) Mention the function of the leaves.

.....



2 Look at the following ecosystem, then circle the correct food chain that represents this environment.



.....

2 A) Put (✓) or (X):

- The energy inside living organisms' bodies disappear after death. ( )

B) What happens if ...?

- 1 Plants have no stems.

.....

- 2 A celery stalk is placed in a glass of colored water.

.....

3 A) Complete the following sentence:

- Blood moves in the arteries and veins in ..... direction.

B) Give a reason for each of the following:

- 1 There is no life on Earth in the absence of plants.

.....

- 2 Animals eat different types of food.

.....

**1 A) Choose the correct answer:**

- When the decomposer disappears from a habitat, .....
  - a) they will produce their own food using light energy
  - b) they will move to another ecosystem
  - c) they will recycle the nutrients back into the ecosystem
  - d) the dead bodies will cover this habitat

**B) Give a reason for each of the following:**

**1** Phloem plays an important role for plants.

.....

**2** The xylems in plants are one-way vessels.

.....

**3** Hawk is a meat-eating animal.

.....

**2 A) Complete the following sentence:**

- Shrubs have ..... stem, while ..... have climber stem.

**B) Mention the importance or function of each of the following:**

**1** Chlorophyll

.....

**2** Heart

.....

**3 A) Put (✓) or (X):**

- Millipedes are considered decomposer organisms. ( )

**B) What is meant by ...?**

**1** Food chain

.....

**2** Plant vascular system

.....

# Science

## إجابات نماذج اختبارات الأضواء

لشهر أكتوبر



المف  
**5**  
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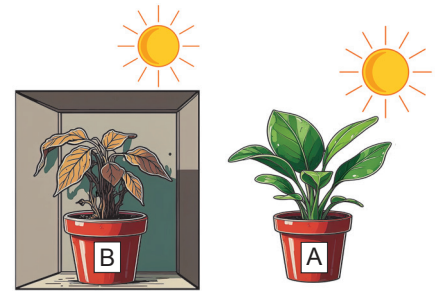
2026

1 A) Complete the following sentence:

- The **stem** supports the plant leaves and flowers.

B) Answer the following questions:

- 1 In front of you is a plant whose shape has changed from picture (A) to picture (B). What is the reason for that?



- Due to the absence of sunlight.

- 2 Compare between the types of consumers in a food chain.

Primary consumers	Secondary consumers	Tertiary consumers
They are animals that eat producers.	They are animals that eat primary consumers.	They are animals that eat secondary consumers.

- 3 The circulatory system is similar to the plant vascular system. **Explain.**

- Both contain vessels that:
  - 1- Transport materials in one-way direction.
  - 2- Transport water, nutrients, and gases.

2 A) Put (✓) or (X):

- The xylem carries glucose from the leaves to the rest of the plant. (X)

B) Mention the importance or function of each of the following:

- 1 Decomposers

- They recycle nutrients back into the ecosystem and increase soil fertility.

- 2 Arteries

- They carry blood rich in oxygen and nutrients from the heart to all the body cells.

3 A) Choose the correct answer:

- ..... increase the amount of water and nutrients absorbed by a plant.

- a) Seeds                      b) Root hairs                      c) Xylem                      d) Leaves

B) Give a reason for each of the following:

- 1 Seeds of dandelion plants can disperse through wind easily.

- Because they are light seeds.

- 2 Consumers depend on producers to get their energy.

- Because consumers can't make their own food.

**1 A) Choose the correct answer:**

- The plant absorbs ..... gas during the process of photosynthesis.  
a) oxygen      b) carbon dioxide      c) nitrogen      d) helium

**B) Give a reason for each of the following:**

- 1 Soil is not one of the basic needs of plants.
  - Because some plants don't need soil to grow, such as plants that grow in water.
- 2 Lion is considered a predator.
  - Because it eats (hunts) another animal to get energy.
- 3 Photosynthesis process is important for plants to survive.
  - Because it helps the plant to make its own food.

**2 A) Write the scientific term:**

- It is a model of several interconnected food chains among living organisms within an ecosystem. (Food web)

**B) What happens if ...?**

- 1 All primary consumers disappear from a food chain.
  - The secondary consumers will move to another ecosystem to search for food or they will die.
- 2 Xylem is removed from the plant structure.
  - Water and nutrients won't be transferred to the leaves.

**3 A) Complete the following sentence:**

- There are holes spread on the plant's leaves called **stomata**.

**B) Define:**

- 1 Plant reproduction
  - It is the process of making new plants.
- 2 Ecosystem
  - It is a community that contains living organisms and nonliving things that interact with each other.

1 A) Cross out the odd word:

- Lion – Tiger – Shark – **Rabbit**

B) What is meant by ...?

1 Veins.

- They are blood vessels which carry blood rich in carbon dioxide gas from all body parts back into the heart.

2 Producers

- They are organisms that can make their own food and don't feed on other plants or animals.

3 Flowers

- They are the reproductive parts of many plants.

2 A) Correct the underlined word in the following sentence:

- There are smaller vessels of xylem that connect the root to the leaves.

stem

B) Answer the following questions:

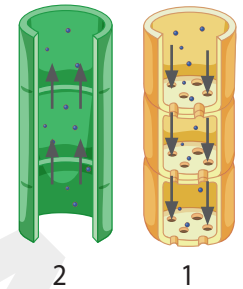
1 Form a food chain using the following organisms:

(Grasshopper – Bird – Grass – Hawk – Snake)

- **Grass – Grasshopper – Bird – Snake – Hawk**

2 Look at the opposite figures, then answer:

- a) Xylem vessel represents the shape number 2.
- b) Phloem vessel represents the shape number 1.



3 A) Choose the correct answer:

- The heart in the human circulatory system consists of .....
  - a) two arteries and two ventricles
  - b) two veins and two atria
  - c) **two atria and two ventricles**
  - d) two ventricles and two veins

B) Explain:

1 Soil fertility depends on decomposers.

- **Because decomposers return nutrients of dead organisms back to the soil.**

2 The presence of stomata on the surface of plant's leaves.

- **To allow gases to move into and out of the plant.**

1 A) Write the scientific term:

- It is the transportation of the seeds from one place to another. (Seed dispersal)

B) Answer the following questions:

1 Look at the opposite figures, then answer:

a) What are the types of the tree leaves in front of you?

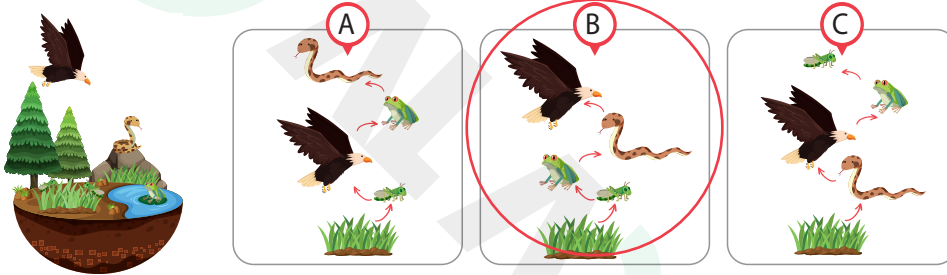
- Number (1): Narrow and needle-like, while
- Number (2): Flat and wide.



b) Mention the function of the leaves.

- They make food for the plant through photosynthesis process.

2 Look at the following ecosystem, then circle the correct food chain that represents this environment.



2 A) Put (✓) or (X):

- The energy inside living organisms' bodies disappear after death. (X)

B) What happens if ...?

1 Plants have no stems.

- Water and nutrients will not be carried from the roots to the leaves.

2 A celery stalk is placed in a glass of colored water.

- The xylem color changes to the color of the water in the cup.

3 A) Complete the following sentence:

- Blood moves in the arteries and veins in one direction.

B) Give a reason for each of the following:

1 There is no life on Earth in the absence of plants.

- Because plants produce oxygen gas during photosynthesis process which is important for all living organisms to breathe.

2 Animals eat different types of food.

- To get energy as they can't produce their own food.

1 A) Choose the correct answer:

- When the decomposer disappears from a habitat, .....
  - a) they will produce their own food using light energy
  - b) they will move to another ecosystem
  - c) they will recycle the nutrients back into the ecosystem
  - d) the dead bodies will cover this habitat

B) Give a reason for each of the following:

- 1 Phloem plays an important role for plants.
  - Because it transports glucose sugar from the leaves to all other parts of the plant.
- 2 The xylems in plants are one-way vessels.
  - Because they carry water and nutrients from the roots to the leaves.
- 3 Hawk is a meat-eating animal.
  - Because it eats snakes, fish, rabbits, and mice.

2 A) Complete the following sentence:

- Shrubs have **wooden** stem, while **vines** have climber stem.

B) Mention the importance or function of each of the following:

- 1 Chlorophyll
  - It gives the leaves their green color and absorbs energy from the sunlight.
- 2 Heart
  - It pumps blood to all the body parts and receives it again.

3 A) Put (✓) or (X):

- Millipedes are considered decomposer organisms. (✓)

B) What is meant by ...?

- 1 Food chain
  - It is a model that shows how energy passes from one organism to another.
- 2 Plant vascular system
  - It is a system of vessels that transport water, nutrients, and plant food (glucose) among the plant parts.

تطبيق



مذكرات جاهزة للطباعة

لتحميل الملفات التعليمية مجاناً للمعلم والطالب

مذكرات وملازم / مراجعات وملخصات / امتحانات / كتب الوزارة /  
أدلة المعلم / دفاتر التحضير / سجلات مدرسية / أوراق تأسيس

امسح الكود بموبايلك علشان تقدر تثبت التطبيق

وتقدر ف أي وقت تحمّل ال نفسك فيه ببلاش

هيغنيك عن البحث والجروبات والقنوات الكثيرة

