

Science

نماذج اختبارات الأضواء

لشهر مارس



المف
6
الابتدائي

2026

1 A) Complete the following sentence:

- The three main processes which are responsible for the movement of water through the water bodies on Earth are,, and

B) Give a reason for:

- 1 The formation of clouds in the sky.
.....
- 2 The temperature in the desert is high during the day and low at night.
.....

2 A) Correct the underlined word:

- Leakage of water into groundwater reservoirs is due to the action of condensation.
(.....)

B) What is meant by ...?

- 1 Water cycle.
.....
- 2 Convection
.....

3 A) Write the scientific term:

- It is the increase in the flow of water over the edges of riverbanks and onto the land around a river.
(.....)

B) What happens ...?

- 1 To the snow when sunlight falls on it.
.....
- 2 When extreme dry and hot weather affects an area for a long period of time.
.....

4 A) Choose the correct answer:

- At the top of the mountain, the atmospheric pressure
a) is high b) is low c) is moderate d) vanishes

B) Answer the following questions:

1 Explain why meteorologists use tools to carry measuring instruments high into the atmosphere.

.....

2 What are the results that could happen if there is no wind on Earth?

.....



1 A) Complete the following sentence:

- At the bottom of a mountain, the air density is than that at its top.

B) What happens...?

- 1** To the level of water in a lake when the rate of evaporation increases.
-

- 2** When strong winds blow up dust from dry areas.
-

2 A) Put (✓) or (X) in front of the following sentence:

- About 10% of water vapor in the air comes from transpiration of plants. ()

B) Give a reason for:

- 1** Hot air is upward above cold air.
-

- 2** Flooding is more dangerous if the ground is frozen.
-

3 A) Choose the correct answer:

- The tool that detects the intensity and speed of precipitation and tracks thunderstorms is the

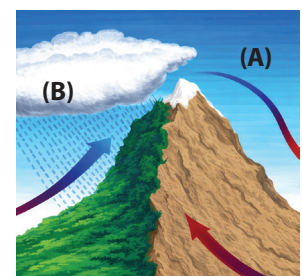
- a) weather radar b) rain gauge c) barometer d) anemometer

B) Answer the following questions:

- 1** Mention the factors that determine the wind direction
-
-

2 Look at the opposite figure, then complete:

The opposite figure represented the phenomenon, the side (A) is the side due to the



4 A) Write the scientific term:

- A device used to measure the atmospheric pressure. (.....)

B) Compare between each of the following:

1 Runoff & Precipitation.

Runoff	Precipitation
.....
.....
.....

2 Climate & Weather.

Climate	Weather
.....
.....
.....

1 A) Put (✓) or (X) in front of the following sentence:

- The thermometer is used to measure the temperature. ()

B) What happens ...?

- 1** To the water droplets in clouds when the air is cold enough.
-

- 2** When putting the paper spiral above the lamp that is on.
-

2 A) Choose the correct answer:

- The water molecules lose thermal energy during and processes.
 - a) evaporation – melting
 - b) condensation – freezing
 - c) respiration – freezing
 - d) respiration - condensation

B) Mention:

- 1** The harms of floods.
-
-

- 2** The challenges that farmers face in the farming desert.
-

3 A) Write the scientific term:

- It is a process that takes place through the stomata which are found in plant leaves to get rid of excess water. (.....)

B) Give a reason for:

- 1** Flamingos migrate to places with warm weather.
-

- 2** The weather in the area near the equator is very hot.
-

4 A) Complete the following sentence:

- Lakes may dry due to process.

B) Answer the following questions:

- 1** What are the steps that meteorologists take to predict weather?

.....

.....

- 2** What are the harms of sandstorms?

(List 3 only)

.....

.....



1 A) Put (✓) or (X) in front of the following sentence:

- When air is heated, its density increases due to its molecules contracting. ()

B) Compare between:

- 1** Evaporation process and Condensation process.

Evaporation process	Condensation process
.....
.....
.....

- 2** Humidity and Atmospheric pressure.

Humidity	Atmospheric pressure
.....
.....
.....

2 A) Choose the correct answer:

- are used to carry measuring instruments into the atmosphere to measure the weather conditions.
 - a) Thermometers
 - b) Barometers
 - c) Weather balloons
 - d) Weather radars

B) Give a reason for:

- 1** Falling ice crystals and water droplets found in clouds return to the Earth's surface.
.....
- 2** Ice forming at the top of the mountains.
.....

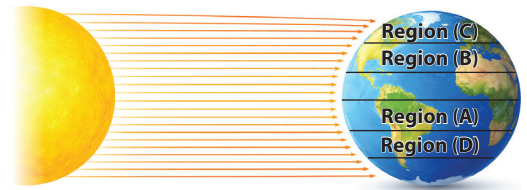
3 A) Write the scientific term:

- They are storage locations of water on Earth including oceans, lakes, soil, and others. (.....)

B) Answer the following questions:

1 Look at the opposite figure, then complete:

The region (C) has weather due to on the Earth's surface. While the evaporation process in regions (.....) and (.....) is moderate.



2 What is the relationship between convection and condensation?

.....
.....

4 A) Complete the following sentence:

- The rotation of convection currents causes the formation of and

B) What happens when ...?

1 The amount of water vapor in the air increases.

.....

2 When the sun's rays fall semi-inclined on the Earth's surface in the area at the north and south of the equator.

.....

1 A) Correct the underlined word:

- The most important source that drives water cycle is the wind. (.....)

B) Give a reason for:

- 1 The total amount of water on Earth doesn't change.

.....

- 2 The temperatures vary around the world.

.....

2 A) Choose the correct answer:

- affect weather and climate.

a) Mountains

b) Soil types

c) Water bodies

d) All of the previous

B) Answer the following questions:

- 1 The water cycle is very important for all living organisms on the Earth's surface.

Explain.

.....

- 2 What is meant by "drought"?

.....

3 A) Put (✓) or (X) in front of the following sentence:

- Floods may occur as a result of heavy rain and the sudden melting of snow. ()

B) What happens ...?

- 1 To equal amount of water and sand when they are exposed to the thermal energy of the sun in daylight.

.....

- 2 When dust accumulates on solar panels.

.....

4 A) Complete the following sentence:

- Wind is formed when rises up and is replaced by that flows from nearby areas.

B) What is the importance of ...?

- 1** Anemometer.

.....

- 2** Weather maps.

.....



Science

إجابات نماذج اختبارات الأضواء

لشهر مارس



المف
6
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2026

1 A) Complete the following sentence:

- The three main processes which are responsible for the movement of water through the water bodies on Earth are **evaporation**, **condensation**, and **precipitation**.

B) Give a reason for:

- 1 The formation of clouds in the sky.
 - Due to the condensation of water vapor into water droplets that attach to particles of dust or smoke in the air.
- 2 The temperature in the desert is high during the day and low at night.
 - Because the sand of the desert heats up quickly and cools off quickly.

2 A) Correct the underlined word:

- Leakage of water into groundwater reservoirs is due to the action of condensation.
(gravity)

B) What is meant by ...?

- 1 Water cycle.
 - It is the continuous movement of water among different water reservoirs.
- 2 Convection
 - It is the process in which heat transfers in liquids and gases, where hot molecules rise upward while colder molecules fall down.

3 A) Write the scientific term:

- It is the increase in the flow of water over the edges of riverbanks and onto the land around a river. (Flood)

B) What happens ...?

- 1 To the snow when sunlight falls on it.
 - The snow will melt and change into liquid water.
- 2 When extreme dry and hot weather affects an area for a long period of time.
 - Drought occurs.

4 A) Choose the correct answer:

- At the top of the mountain, the atmospheric pressure
a) is high **b) is low** c) is moderate d) vanishes

B) Answer the following questions:

- 1 Explain** why meteorologists use tools to carry measuring instruments high into the atmosphere.
 - **To measure the weather conditions from different altitudes.**
- 2** What are the results that could happen if there is no wind on Earth?
 - **Areas near the equator will become extremely hot, and the poles will freeze.**

1 A) Complete the following sentence:

- At the bottom of a mountain, the air density is **higher** than that at its top.

B) What happens...?

- 1 To the level of water in a lake when the rate of evaporation increases.
 - The level of water will decrease.
- 2 When strong winds blow up dust from dry areas.
 - Sandstorm occurs.

2 A) Put (✓) or (X) in front of the following sentence:

- About 10% of water vapor in the air comes from transpiration of plants. (✓)

B) Give a reason for:

- 1 Hot air is upward above cold air.
 - Because hot air has less density, so it rises upward, while cold air has more density, so it falls down.
- 2 Flooding is more dangerous if the ground is frozen.
 - Because the ground can't absorb the water.

3 A) Choose the correct answer:

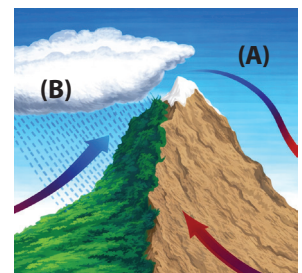
- The tool that detects the intensity and speed of precipitation and tracks thunderstorms is the
- a) weather radar b) rain gauge c) barometer d) anemometer

B) Answer the following questions:

- 1 Mention the factors that determine the wind direction
 - 1- The amount of solar radiation that reaches Earth.
 - 2- The rotation of Earth.

2 Look at the opposite figure, then complete:

The opposite figure represented the **rain shadow** phenomenon, the side (A) is the **dry** side due to the **descending of dry air**.



4 A) Write the scientific term:

- A device used to measure the atmospheric pressure.

(Barometer)

B) Compare between each of the following:

1 Runoff & Precipitation.

Runoff	Precipitation
It is the flow of water along the Earth's surface into a river and then into the ocean or sea.	It is the process in which water falls on Earth in the form of rain, sleet, snow, or hail.

2 Climate & Weather.

Climate	Weather
The expected state of the weather over a long period of time (a season or a year).	The expected state of the weather over a short period of time (a day or a week).

1 A) Put (✓) or (X) in front of the following sentence:

- The thermometer is used to measure the temperature. (✓)

B) What happens ...?

- To the water droplets in clouds when the air is cold enough.
 - The water droplets change into ice crystals that fall to the Earth's surface in the form of snow.
- When putting the paper spiral above the lamp that is on.
 - The paper spins.

2 A) Choose the correct answer:

- The water molecules lose thermal energy during and processes.

a) evaporation – melting	b) condensation – freezing
c) respiration – freezing	d) respiration - condensation

B) Mention:

- The harms of floods.
 - Damaging buildings by moving or breaking them.
 - Death of people and animals.
 - Harming the economy.
- The challenges that farmers face in the farming desert.
 - The extreme hot and dry weather causes evaporation of more water than that which falls by precipitation.

3 A) Write the scientific term:

- It is a process that takes place through the stomata which are found in plant leaves to get rid of excess water. (Transpiration)

B) Give a reason for:

- Flamingos migrate to places with warm weather.
 - To reproduce.
- The weather in the area near the equator is very hot.
 - Because the sun's rays fall perpendicularly on the Earth's surface, giving a high effect of heat.

4 A) Complete the following sentence:

- Lakes may dry due to **evaporation** process.

B) Answer the following questions:

1 What are the steps that meteorologists take to predict weather?

- Collecting data.
- Analyzing data.
- Putting all the data together.

2 What are the harms of sandstorms?

(List 3 only)

- Dust reduces visibility.
- Dust fills up irrigation canals, so the water quality decreases.
- Dust harms the eyes and the respiratory system of humans.

1 A) Put (✓) or (X) in front of the following sentence:

- When air is heated, its density increases due to its molecules contracting. (X)

B) Compare between:

- 1** Evaporation process and Condensation process.

Evaporation process	Condensation process
It is the process in which water changes from a liquid state to a gas state.	It is the process in which water changes from a gas state to a liquid state.

- 2** Humidity and Atmospheric pressure.

Humidity	Atmospheric pressure
It is the measure of how much water vapor is present in the air.	The weight of the air above a certain area.

2 A) Choose the correct answer:

- are used to carry measuring instruments into the atmosphere to measure the weather conditions.

- a) Thermometers
- b) Barometers
- c) Weather balloons
- d) Weather radars

B) Give a reason for:

- 1** Falling ice crystals and water droplets found in clouds return to the Earth's surface.
- Because they become too heavy and fall in the form of rain due to gravity.
- 2** Ice forming at the top of the mountains.
- Because the temperature decreases as we go to the top of a mountain.

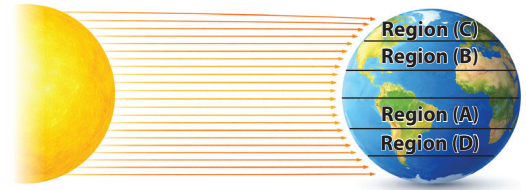
3 A) Write the scientific term:

- They are storage locations of water on Earth including oceans, lakes, soil, and others. (Water reservoirs)

B) Answer the following questions:

1 Look at the opposite figure, then complete:

The region (C) has **very cold** weather due to **the sun's rays fall very inclined** on the Earth's surface. While the evaporation process in regions (B) and (D) is moderate.



2 What is the relationship between convection and condensation?

- Convection causes warm air containing water vapor to rise and when the rising air loses its heat, cold water vapor changes into droplets in the form of clouds.

4 A) Complete the following sentence:

- The rotation of convection currents causes the formation of **wind** and **ocean currents**.

B) What happens when ...?

1 The amount of water vapor in the air increases.

- As the amount of water vapor in the atmosphere increases, the level of humidity increases.

2 When the sun's rays fall semi-inclined on the Earth's surface in the area at the north and south of the equator.

- The sun's rays are distributed on a large area giving low effect of heat, so the weather is warm.

1 A) Correct the underlined word:

- The most important source that drives water cycle is the wind. (sun)

B) Give a reason for:

- 1 The total amount of water on Earth doesn't change.
 - Because it can be replaced through the water cycle.
- 2 The temperatures vary around the world.
 - Due to the unequal distribution of solar energy in each region of the world, which causes unequal heating of the air.

2 A) Choose the correct answer:

- affect weather and climate.

a) Mountains	b) Soil types
c) Water bodies	d) All of the previous

B) Answer the following questions:

- 1 The water cycle is very important for all living organisms on the Earth's surface. Explain.
 - Because it provides water for all living organisms and regulates weather on Earth.
- 2 What is meant by "drought"?
 - It is the shortage of water available for drinking and for growing crops.

3 A) Put (✓) or (X) in front of the following sentence:

- Floods may occur as a result of heavy rain and the sudden melting of snow. (✓)

B) What happens ...?

- 1 To equal amount of water and sand when they are exposed to the thermal energy of the sun in daylight.
 - Sand heats up faster than water.
- 2 When dust accumulates on solar panels.
 - They stop generating energy.

4 A) Complete the following sentence:

- Wind is formed when **warm air** rises up and is replaced by **cold air** that flows from nearby areas.

B) What is the importance of ...?

- 1 Anemometer.
 - It is used to measure the wind speed.
- 2 Weather maps.
 - Mapping data of weather conditions and communicating information to other meteorologists and the public.

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

