

بنك اسئلة

الصف  
السادس  
الابتدائي  
٢٠٢٤

# التميز

أ/ محمود سعيد



ELmotamyez Questions Bank

# science

February Revision

BY

MRS . Amira Ahmed

MRS . Alaa Hesham

6

الصف  
السادس

نسخة  
مجانية

ملحق الإجابات  
بالداخل



El.Motamyez.School

يمكنكم الحصول على المذكرات والاختبارات من خلال مسح رمز ال QR Code  
أو من خلال صفحة "التميز - أ/ محمود سعيد".  
يرجى مراعاة حقوق صاحب المحتوى عند النشر.



## February Questions Bank



## Question 01

## Choose the correct answers

- 1 Wind helps in transporting water through the water cycle by carrying ...
  - a sand grains
  - b small rocks
  - c plant leaves
  - d water vapor
- 2 Melting of snow at the two poles, is due to the thermal energy that comes from the .....
  - a wind
  - b moon
  - c Sun
  - d electricity
- 3 Fresh water stored underground in the form of groundwater by the effect of .....
  - a condensation
  - b electricity
  - c gravity
  - d evaporation
- 4 Wind is produced by the help of .....
  - a water turbine
  - b electric generator
  - c solar radiation
  - d electric motor
- 5 About 10% of the water vapor in air comes from transpiration of .....
  - a humans
  - b rocks
  - c plants
  - d animals
- 6 The large Salt Lake in Turkey is dried up due to the increase in the rate of ..... process.
  - a melting
  - b freezing
  - c evaporation
  - d condensation
- 7 Leakage of water into groundwater reservoirs is due to the action of .....
  - a condensation
  - b gravity
  - c precipitation
  - d evaporation
- 8 Water in oceans changes into..... when water gains thermal energy.
  - a liquid water
  - b water vapor
  - c snow
  - d sleet
- 9 Increasing and decreasing of water level in some lakes is due to the transfer of ..... through the water cycle.
  - a rocks
  - b energy
  - c work
  - d wind



- 10 The distribution of ..... energy on the Earth's surface plays an important role in evaporation process in the water cycle.
- a electrical      b solar      c sound      d kinetic
- 11 Movement of air can change the state of water from ..... state to ..... state by evaporation process.
- a gas - liquid      b liquid-gas      c solid-gas      d solid - liquid
- 12 When warm air is cooled, it will move .....
- a upward      b downward      c forward      d backward
- 13 When a liquid is heated, it will ..... and become less dense and .....
- a expand - heavier      b contract - lighter      c expand - lighter      d contract - heavier
- 14 Clouds are formed due to ..... process.
- a melting      b collection      c condensation      d freezing
- 15 Both of ..... and ..... processes happen due to the decrease of thermal energy
- a melting - freezing      b melting - condensation      c freezing - condensation      d melting - evaporation
- 16 When the water in clouds becomes too heavy, it falls on the ground by a process called .....
- a evaporation      b precipitation      c condensation      d collection
- 17 Due to convection, ..... air moves upward above ..... air.
- a hot - cold      b cold - hot      c cold - warm      d warm - hot
- 18 The form of evaporation process that takes place from the leaves of plants is called .....
- a transpiration      b collection      c melting      d freezing
- 19 Gathering the water of rains to form streams, rivers or lakes, is called .....
- a precipitation      b condensatio  
n      c collection      d evaporation
- 20 Water vapor that is present in air changes into ..... when it hits a cold water bottle.
- a gas state      b steam      c liquid water      d juice



## Question 02

## put ( true ) or ( false )

- 1 Water comes out from stomata to the air in the form of water vapor. ( )
- 2 As air is warmed by the Sun, the air will fall down ( )
- 3 All living organisms on the Earth depend on water to survive. ( )
- 4 Clouds consist of tiny water droplets that have condensed out of the air. ( )
- 5 Drying up of water in the large Salt Lake in Turkey is due to condensation process. ( )
- 6 Water reservoirs on the Earth include oceans and seas only. ( )
- 7 Convection currents in Earth's atmosphere help in determining the regional climate. ( )
- 8 Clouds are made up of millions of tiny water droplets. ( )
- 9 Glaciers move from the top of mountains to the bottom of mountains due to the effect of gravity. ( )
- 10 The heat of the Sun transfers through space to Earth's atmosphere by convection. ( )
- 11 Transferring of energy in the water cycle causes increasing and decreasing of water level in some lakes. ( )
- 12 The two factors which control the movement of water in the water cycle are gravity force and solar energy. ( )
- 13 When fresh water changes into snow and ice, this means that fresh water gains thermal energy. ( )
- 14 Unequal heating of the Earth between the poles and the equator generates wind. ( )
- 15 In the water cycle, the step that follows condensation process is runoff. ( )
- 16 Rains fall and collect in oceans by the effect of gravity force. ( )
- 17 Wind is caused by the continuous exchange between warm air and cold air. ( )
- 18 Flamingos migrate to the large Salt Lake in Turkey when the weather is very cold. ( )
- 19 Deserts are formed by the effect of moist air. ( )



- 20 Evaporation of water means that liquid water changes into ice. ( )
- 21 You can see transpiration process when you set a plant its leaves covered with a plastic bag in the sunlight. ( )
- 22 The water cycle is a movement of water through different water reservoirs on the Earth. ( )
- 23 States of water change when water gains or loses energy. ( )
- 24 Melting and transpiration processes only occur by cooling. ( )
- 25 Falling of sleet in an area is an example of precipitation process. ( )

**Question 03**

**Complete the following sentences**

- 1 Due to convection currents, hot air moves ..... cold air.
- 2 When the water droplets in the clouds become too heavy, it causes ..... process.
- 3 Formation of fog is due to the ..... of water vapor on a field in early morning.
- 4 Water vapor comes out from plant leaves through the .....
- 5 The movement of water through different water reservoirs on the Earth is called the .....
- 6 Energy of the Sun causes the changing of liquid water into ..... by evaporation process.
- 7 water is collected in oceans by the effect of ..... force.
- 8 Clouds are made up of millions of tiny ..... droplets.
- 9 The water starts to move or change its way of movement when a ..... affects it.
- 10 The amount of ..... energy that reaches the Earth affects the rate of evaporation process in the water cycle.
- 11 Evaporation causes changing of the water in rivers and seas into .....
- 12 Water vapor condenses in the sky to form .....
- 13 The force which cause moving down of water from the top of a mountain is called .....
- 14 Heat can transfer through the Earth's atmosphere due to the effect of ..... currents.
- 15 Transpiration is a form of ..... process, while condensation takes place by the decrease in the ..... energy.



Question 04

write the scientific term for each of the following

- 1 It is the process in which matter changes from liquid state to gas state. ( )
- 2 It is the process which helps in formation of clouds in the sky. ( )
- 3 It is the process in which water falls on Earth in the form of rain, sleet, snow or hail ( )
- 4 It is the process in which matter changes from gas state to liquid state ( )
- 5 It is the step in which rainwater falling on the Earth's surface is collected in different water bodies. ( )
- 6 It is the step in which water flows along the Earth's surface into the river and then into the ocean or sea. ( )
- 7 The cycle that involves the continuous movement of water from different water bodies to the atmosphere then falling back to the Earth in the form of rain, sleet or snow. ( )
- 8 The main source of energy which affects the water cycle ( )
- 9 It is a form of evaporation that takes place through the stomata which are found in plant leaves. ( )
- 10 It is the method by which heat transfers within liquids and gases, where hot molecules rise upward, while colder molecules fall down. ( )
- 11 It is the method by which heat of the Sun transfers from the space to Earth's atmosphere ( )
- 12 It is caused when air warmed by the solar radiation rises and then replaced by cooler air that flows from nearby areas. ( )
- 13 The force which causes moving down of water from higher places to lower places on the Earth. ( )
- 14 Large areas of land which are formed due to the effect of dry air. ( )



**Question 05**

**Give reason for each of the following**

- 1 Formation of clouds in the sky.  
.....
- 2 Changing of water from one state to another.  
.....
- 3 Changing of some amount of water in water bodies into water vapor  
.....
- 4 Hot air moves upward above cold air.  
.....
- 5 Formation of fog in the early morning  
.....
- 6 Moving down of glaciers from the top of a mountain to its foot.  
.....
- 7 The weather in the area near the equator is hot.  
.....
- 8 About 10 % of water vapor in air comes from plants.  
.....
- 9 Drying up of the large Salt Lake in Turkey in summer season  
.....
- 10 The effect of heat is low in the area at the north and south of the equator.  
.....
- 11 On adding warm water to cold water without shaking, the warm water stay above cold water without mixing.  
.....
- 12 The formation of wind is determined by the amount of solar radiation received by the Earth.  
.....



## Question 06

## What happens if ..... ?

- 1 Moist air touches a cold bottle of water  
.....
- 2 The weather if the sun rays fall very inclined on an area.  
.....
- 3 The level of water in a lake when the rate of evaporation increases.  
.....
- 4 Water of seas and oceans gains big amount of thermal energy  
.....
- 8 The density of air if the cold air is warmed by the effect of solar energy.  
.....
- 9 You cover some leaves in a plant with a plastic bag then put this plant in the direct sunlight for a while  
.....
- 10 The air temperature if there is no wind on Earth.  
.....
- 11 Water vapor in air condenses in the sky.  
.....
- 12 The movement of air when solar radiation heats up the air in an area.  
.....
- 13 The water droplets in the clouds become very heavy  
.....

تم بحمد الله ،

بسم الله الرحمن الرحيم " إِنَّ الدِّينَ أَمْنٌوَا وَعَمَلُوا الصَّالِحَاتِ إِنَّا لَا نُضِيعُ أَجْرَ مَنْ أَحْسَنَ عَمَلًا " صدق الله العظيم



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Model Answers

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## Question 01

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## Question 02

## put ( true ) or ( false )

- 1 Water comes out from stomata to the air in the form of water vapor.
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- 3 All living organisms on the Earth depend on water to survive.
- 4 Clouds consist of tiny water droplets that have condensed out of the air.
- 5 Drying up of water in the large Salt Lake in Turkey is due to condensation process.
- 6 Water reservoirs on the Earth include oceans and seas only.
- 7 Convection currents in Earth's atmosphere help in determining the regional climate.
- 8 Clouds are made up of millions of tiny water droplets.
- 9 Glaciers move from the top of mountains to the bottom of mountains due to the effect of gravity.
- 10 The heat of the Sun transfers through space to Earth's atmosphere by convection.
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- 24 Melting and transpiration processes only occur by cooling.
- 25 Falling of sleet in an area is an example of precipitation process.

## Question 03

## Complete the following sentences

- 1 Due to convection currents, hot air moves **above** cold air.
- 2 When the water droplets in the clouds become too heavy, it causes **precipitation** process.
- 3 Formation of fog is due to the **condensation** of water vapor on a field in early morning.
- 4 Water vapor comes out from plant leaves through the **stomata**.
- 5 The movement of water through different water reservoirs on the Earth is called the **water cycle**.
- 6 Energy of the Sun causes the changing of liquid water into **water vapor** by evaporation process.
- 7 water is collected in oceans by the effect of **gravity** force.
- 8 Clouds are made up of millions of tiny **water** droplets.
- 9 The water starts to move or change its way of movement when a **force** affects it.
- 10 The amount of **solar** energy that reaches the Earth affects the rate of evaporation process in the water cycle.
- 11 Evaporation causes changing of the water in rivers and seas into **water vapor**.
- 12 Water vapor condenses in the sky to form **clouds**.
- 13 The force which cause moving down of water from the top of a mountain is called **gravity**.
- 14 Heat can transfer through the Earth's atmosphere due to the effect of **convection** currents.
- 15 Transpiration is a form of **evaporation** process, while condensation takes place by the decrease in the **thermal** energy.



Question 04

write the scientific term for each of the following

- |    |   |                       |
|----|---|-----------------------|
| 1  | It is the process in which matter changes from liquid state to gas state.   | Evaporation process   |
| 2  | It is the process which helps in formation of clouds in the sky.  | Condensation process  |
| 3  | It is the process in which water falls on Earth in the form of rain, sleet, snow or hail  | Precipitation process |
| 4  | It is the process in which matter changes from gas state to liquid state  | Condensation process  |
| 5  | It is the step in which rainwater falling on the Earth's surface is collected in different water bodies.  | Collection            |
| 6  | It is the step in which water flows along the Earth's surface into the river and then into the ocean or sea.  | Runoff                |
| 7  | The cycle that involves the continuous movement of water from different water bodies to the atmosphere then falling back to the Earth in the form of rain, sleet or snow. | Water cycle           |
| 8  | The main source of energy which affects the water cycle   | The Sun               |
| 9  | It is a form of evaporation that takes place through the stomata which are found in plant leaves.   | Transpiration process |
| 10 | It is the method by which heat transfers within liquids and gases, where hot molecules rise upward, while colder molecules fall down.                                     | Convection            |
| 11 | It is the method by which heat of the Sun transfers from the space to Earth's atmosphere  | Radiation             |
| 12 | It is caused when air warmed by the solar radiation rises and then replaced by cooler air that flows from nearby areas.   | Wind                  |
| 13 | The force which causes moving down of water from higher places to lower places on the Earth.  | Gravity               |
| 14 | Large areas of land which are formed due to the effect of dry air.  | Deserts               |



## Question 05

## Give reason for each of the following

- 1 Formation of clouds in the sky.  
Due to condensation of water vapour into water droplets that adhere to particles of dust or smoke in the air
- 2 Changing of water from one state to another.  
Due to gaining or losing of thermal energy
- 3 Changing of some amount of water in water bodies into water vapor  
Due to evaporation process as a result of gaining of thermal energy
- 4 Hot air moves upward above cold air.  
Due to the effect of convection where hot air has less density so it rises upward, while cold air has more density so it falls down
- 5 Formation of fog in the early morning  
Due to condensation of water vapor that is found in the air
- 6 Moving down of glaciers from the top of a mountain to its foot.  
Due to the effect of gravity on glaciers
- 7 The weather in the area near the equator is hot.  
Because the sun rays fall perpendicular on Earth's surface giving high effect of heat
- 8 About 10 % of water vapor in air comes from plants.  
Due to transpiration process which happens by plants
- 9 Drying up of the large Salt Lake in Turkey in summer season  
Due to the increase in the evaporation of the lake water
- 10 The effect of heat is low in the area at the north and south of the equator.  
Because the sun rays fall semi-inclined on Earth's surface of these areas, so the weather is warm



- 11 On adding warm water to cold water without shaking, the warm water stay above cold water without mixing.

Due to the effect of convection, as warm water has low density than cold water, so warm water will stay above cold water

- 12 The formation of wind is determined by the amount of solar radiation received by the Earth.

Because warm air rises upward when it is heated by solar radiation and it is replaced by cooler air that flows from nearby areas

### Question 06

What happens if ..... ?

- 1 Moist air touches a cold bottle of water  
Water vapor which is found in air condenses on the surface of the bottle
- 2 The weather if the sun rays fall very inclined on an area.  
The weather of this area becomes very cold
- 3 The level of water in a lake when the rate of evaporation increases.  
The level of water will decrease
- 4 Water of seas and oceans gains big amount of thermal energy  
Water of seas and oceans changes into water vapor in air
- 8 The density of air if the cold air is warmed by the effect of solar energy.  
The density of the air will decrease
- 9 You cover some leaves in a plant with a plastic bag then put this plant in the direct sunlight for a while  
Water droplets will be formed inside the bag
- 10 The air temperature if there is no wind on Earth.  
The regions around the equator become extremely hot and the poles will completely freeze



11 Water vapor in air condenses in the sky.

Clouds are formed in the sky

12 The movement of air when solar radiation heats up the air in an area.

The air will move upward in this area

13 The water droplets in the clouds become very heavy

Water droplets fall in the form of rain

تم بحمد الله ،

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كلمة سعيد

