

Weekly Home Work  
First Week

الإدارة المركزية للتعليم العام  
إدارة تنمية مادة العلوم



2026

1st Secondary  
First Term

# Integrated Sciences

إشراف

د. عزيزة رجب خليفة

مستشار مادة العلوم

إشراف عام

د. هالة عبدالسلام خفاجي

رئيس الإدارة العامة للتعليم العام

إعداد  
مجدي فتحي

مراجعة

عمرو مالي محمد عنتر

مكتب مستشار المادة

عبدالله مصطفى سعيد محمد



**Chapter (1) Lesson (1) Hydrosphere**

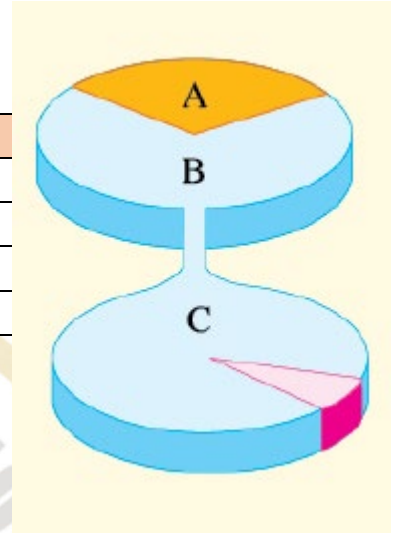
**First: Choose the correct answer**

- 1) A continuous change between the three states of water on the Earth's surface within a closed system called the .....cycle.  
A. Nitrogenous      B. Carbonaceous      C. Oxygenation      D. Hydrological
- 2) The percentage of salt water is about ..... from all water shapes on Earth.  
A. 1 %      B. 3 %      C. 70 %      D. 97 %
- 3) All the following from the biotic factors in an environment EXCEPT.....  
A. Animals      B. Bacteria      C. Plants      D. Light
- 4) It is where living organisms are found on, above, and below the Earth's surface.  
A. Lithosphere      B. Biosphere      C. Atmosphere      D. Hydrosphere
- 5) It is a blanket of gases that surrounds Earth. It is held near the surface of the planet by Earth's gravitational attraction.  
A. Lithosphere      B. Biosphere      C. Atmosphere      D. Hydrosphere
- 6) It is the process in which water liquid converts into water vapor  
A. Condensation      B. Transpiration      C. Evaporation      D. Precipitation
- 7) It is the process in which plants release excess water through stomata  
A. Condensation      B. Transpiration      C. Evaporation      D. Precipitation
- 8) An increase in the rate of transpiration in plants indirectly affects the water cycle in nature through:  
(a) Reducing rainfall  
(b) Increasing water vapor in the atmosphere  
(c) Reducing the rate of evaporation from water surfaces  
(d) Fixing carbon dioxide in leaves



9) The figure shows the percentage of the distribution of lithosphere and hydrosphere on Earth. Which of the following is correct?

	A	B	C
A	Lithosphere	Hydrosphere	Fresh water
B	Lithosphere	Fresh water	Salt water
C	Fresh water	Lithosphere	Salt water
D	Lithosphere	Hydrosphere	Salt water



10) Which of the following represents the greatest source of water on Earth's surface?  
 (a) Oceans (b) ground water (c) Fresh lakes (d) Frozen rivers

11) Which of the following is not related to the hydrological cycle in nature?  
 (a) water movement through many pathways  
 (b) living organisms have essential role in it  
 (c) keeping the stability of Earth's surface  
 (d) is nearly a close system

12) Which of the following is a consequence for the transpiration through the hydrological cycle??  
 (a) Evaporation (b) leakage (c) precipitation (d) condensation

## Second: Essay Questions

1) What is the main process responsible for the transformation of water from the liquid state to the gaseous state?

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2) Why is the water cycle considered an almost closed system?

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3) What is the importance of the transpiration for the plants?

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#### 4) Discuss the following: -

**First:- The concept of environment**

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**Second:- Its components with examples**

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**Third:- Its types of spheres**

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# Integrated Sciences

2025-2026

1st Secondary  
First Term

Weekly Assessment  
First Week



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## Chapter (1) Lesson (1) Hydrosphere

First : Choose the correct answer

1) Water covers about ..... from Earth 's surface.

- A. 50 %      B. 60 %      C. 70 %      D. 80 %

2) The percentage of fresh liquid water is about ..... from all water shapes on Earth's surface.

- A. 1 %      B. 30 %      C. 70 %      D. 97 %

3) All the following from the abiotic factors in an environment EXCEPT.....

- A. Air      B. Water      C. Soil      D. Human

4) It is a rigid, rocky outer layer of Earth, consisting of the crust and the solid outermost layer of the upper mantle.

- A. Lithosphere      B. Biosphere      C. Atmosphere      D. Hydrosphere

5) It refers to all forms of water on Earth. It includes surface water bodies like rivers, oceans, lakes, and ponds, groundwater, water vapor (clouds and fog) in the atmosphere, and ice.

- A. Lithosphere      B. Biosphere      C. Atmosphere      D. Hydrosphere

6) It is the process in which water vapor converts into water droplets

- A. Condensation      B. Transpiration      C. Evaporation      D. Precipitation

7) Which of the following processes, if stopped, would directly disrupt the water cycle on the Earth's surface and in the atmosphere?

- (a) Surface runoff      (b) Evaporation      (c) Soil infiltration      (d) Transpiration

8) From the importance of the transpiration for the plants:

- (a) increasing the temperature of the plants      (b) increasing the percentage of CO<sub>2</sub>  
(c) helping in rising salts and water to upper parts  
(d) decreasing the ability of the plants in rising salts and water to upper parts



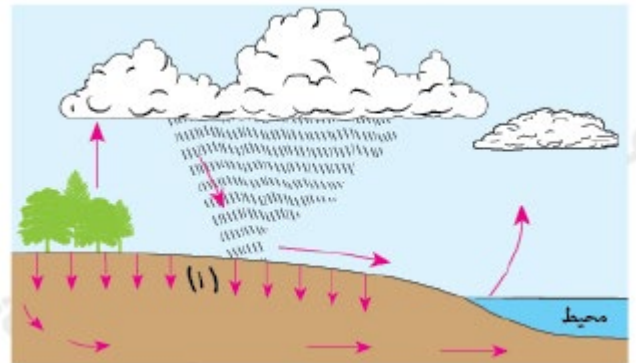
9) The ratio between:

The fresh liquid water and the frozen fresh water on Earth is equal to

- (a)  $\frac{1}{2}$       (b)  $\frac{2}{1}$       (c)  $\frac{3}{1}$       (d)  $\frac{1}{1}$

10) The figure shows a part of the water cycle. The process that is labeled by (1) contribute

- (a) raining  
(b) forming ground water  
(c) forming clouds  
(d) snow fall



11) Which of the following is not from the nitrogenous wastes?

- (a) Ammonia      (b) Nitrogen gas      (c) Urea      (d) Uric acid

12) The ratio between:

The lithosphere and the hydrosphere that cover Earth's surface is equal to

- (a)  $\frac{3}{7}$       (b)  $\frac{7}{3}$       (c)  $\frac{3}{10}$       (d)  $\frac{7}{10}$





## Second : Essay Questions

1) What are the biological processes that contribute to the water cycle?

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2) What are the main processes in water cycle?

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3) What is meant by: Excretion

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4) What would happen if a plant can't make the process of transpiration?

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