

# Science

## Grade 5

*Second Term 2025*

# February Revision

*Mr. Ahmed Elbasha*

Unit Three (Concept 1)

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Unit Three (Concept 2 – Lesson 1 and 2)

\* طبقاً لأخر تعديل في المادة للعام الدراسي 2024-2025



# February Revision

**Mr. Ahmed ElBasha**

**✱ (1) Write the scientific term:**

- 1) The system that includes humans, animals and plants on Earth .....

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- 2) A large area of the world that has similar soil, climate, plants and animals. ....

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- 3) The largest saltwater ecosystems that cover large parts of Earth's surface. ....

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- 4) Areas of the ocean which contain coral reefs and intertidal zones. ....

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- 5) It is the liquid that all living organisms need to live. ....

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- 6) A type of water which is suitable for drinking. ....

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- 7) A water body that often starts in the mountain as a stream. ....

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- 8) The water bodies that surround the continents. ....

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- 9) It is a land area which is partially covered with water. ....

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- 10) A water body which contains a mixture of sea water and river water. ....

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- 11) The water that is stored in the cracks and spaces between underground rocks. ....

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- 12) It is an area of land where all the water flows in one direction to a common location such as an ocean, a sea or other large water body. ....

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- 13) A phenomenon that happens due to the increase of the level of water in rivers and streams. ....

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- 14) A phenomenon that happens due to the decrease of the level of water in rivers and streams. ....

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- 15) A water body that always flows from an area of higher altitude to an area with lower altitude. ....

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- 16) The process of breaking down of rocks into smaller particles due to the effect of rain, water or temperature. ....



- 17) The process in which the small particles of rocks are transported from a place to another. ....
- 
- 18) A cycle shows the continuous movement of water from the Earth to the atmosphere then to the Earth again. ....
- 
- 19) The system of Earth which contains all different landforms. ....
- 
- 20) The Earth's system which is made up of water. ....
- 
- 21) The Earth's system which consists of mixture of gases surrounding Earth. ....

Mr. Ahmed ElBasha

## \*(2) Choose the right answer:

1. Which of the following is a part of the hydrosphere .....

- a. Water. b. Air. c. Rocks. d. Plants.

2. A spring flows out from a rock is an example of an interaction between ..... and .....

- a. hydrosphere - geosphere.                      b. hydrosphere - biosphere.  
c. biosphere - geosphere.                      d. biosphere - atmosphere.

3. Aquatic ecosystems can be classified into ..... ecosystem and ..... ecosystem.

- a. forest - desert                      b. savannah - tundra  
c. grassland - rainforest                      d. freshwater - saltwater

4. All the following are characteristics of abyssal zones, except .....

- a. they are very deep areas.                      b. sunlight cannot reach them.  
c. they are dark areas.                      d. they are shallow areas.

5. At the beginning of water cycle in nature, water ..... and goes into the air forming .....

- a. freezes - snow.                      b. evaporates - clouds.  
c. freezes - clouds.                      d. evaporates - snow.

6. Rainwater is a part of .....

- a. biosphere. b. hydrosphere. c. geosphere. d. atmosphere.

7. Presence of dolphins in oceans represents an interaction between ..... and .....

- a. biosphere - hydrosphere.                      b. biosphere - geosphere.  
c. hydrosphere - atmosphere.                      d. hydrosphere - geosphere.

8. Falling of a small tree due to blowing of strong winds is an example of an interaction between ..... and .....

- a. geosphere - atmosphere.                      b. biosphere - hydrosphere.  
c. hydrosphere - geosphere.                      d. biosphere - atmosphere.

9. Geosphere is also known as .....

- a. atmosphere.                      b. lithosphere.                      c. biosphere.                      d. hydrosphere.

10. All the following are parts of biosphere, except .....

- a. humans.                      b. minerals.                      c. plants.                      d. animals.

11. Mountains and valleys are parts of .....

- a. geosphere.                      b. atmosphere.                      c. biosphere.                      d. hydrosphere.

**12.96.5% of Earth's water is .....**

- a. salt water.                      b. boiling water.                      c. fresh water.                      d. frozen water.

**13. Formation of lakes is an example of an interaction between ..... and .....**

- a. biosphere - hydrosphere.                      b. atmosphere - biosphere.  
c. hydrosphere - geosphere.                      d. geosphere - atmosphere.

**14. Which of the following is a part of the biosphere? .....**

- a. Ice.                      b. clouds.                      c. Water.                      d. Animals.

**15. Rocks are broken down into smaller particles during ..... process.**

- a. photosynthesis                      b. weathering                      c. erosion                      d. respiration

**16. By heating of water, it changes from ..... state to ..... state**

- a. solid - liquid                      b. liquid - solid                      c. liquid - gas                      d. gas - liquid

**17. All the following are components of the atmosphere, except .....**

- a. oxygen gas.                      b. nitrogen gas.                      c. molten rocks.                      d. water vapor.

**18. Water is used in all the following purposes, except .....**

- a. recreation.                      b. burning.                      c. bathing.                      d. manufacturing

**19. Cats and grass are parts of the .....**

- a. atmosphere.                      b. hydrosphere.  
c. biosphere.                      d. geosphere.

**20. Roots fix plants in the soil, this is an interaction between ..... and .....**

- a. biosphere - atmosphere.                      b. biosphere - geosphere.  
c. hydrosphere - geosphere.                      d. hydrosphere - atmosphere.

**21. All the following water bodies contain salt water, except .....**

- a. gulfs.                      b. seas.                      c. oceans.                      d. rivers.

**22. Which of the following is found between porous of rocks below Earth's surface?**

- .....  
a. Ice.                      b. Groundwater.                      c. Oceans.                      d. Water vapor.

**23. Polar bears that live on ice, this is an example of an interaction between ..... and .....**

- a. atmosphere - hydrosphere.                      b. geosphere - hydrosphere.  
c. biosphere - geosphere.                      d. biosphere - hydrosphere.

**24. Erosion of rocks by water is an interaction between ..... and .....**

- a. atmosphere - biosphere.                      b. geosphere - hydrosphere.  
c. geosphere - biosphere.                      d. atmosphere - geosphere.

**25. Flounder fish can live in .....**

- a. rivers.                      b. streams.                      c. oceans.                      d. ponds.

**26. Fresh water represents ..... of Earth's water.**

- a. 3.5 %                      b. 96.5 %                      c. 79.5 %                      d. 71.5 %

**27. Water evaporation and its condensing on planet Earth show an interaction between ..... and .....**

- a. atmosphere - hydrosphere.                      b. hydrosphere - biosphere.  
c. biosphere - geosphere.                      d. biosphere - atmosphere.

**28. Rivers and streams contain ..... water, while ponds contain ..... water.**

- a. salt - fresh                      b. fresh - salt                      c. running - still                      d. still - running

**29. Groundwater present under Earth's surface in rock and soil porous. This is an interaction between ..... and .....**

- a. geosphere - atmosphere.                      b. biosphere - atmosphere .  
c. hydrosphere - geosphere.                      d. hydrosphere - biosphere.

**30. Acacia tree has very long roots that grow downward through soil rocks to search for groundwater. Which Earth's sphere is not involved in this sentence ? .....**

- a. Hydrosphere.                      b. Geosphere.  
c. Atmosphere.                      d. Biosphere.

**31. The Earth's system which contains mountains is .....**

- a. atmosphere.                      b. geosphere.  
c. biosphere.                      d. hydrosphere.

**32. When water evaporates from the ocean, an interaction between ..... and ..... occurs.**

- a. atmosphere - geosphere                      b. biosphere - hydrosphere  
c. hydrosphere - atmosphere                      d. biosphere - geosphere

**33. Which sentence of the following describes the atmosphere? .....**

- a. The water and ice on the Earth.                      b. The rocks and soil on the Earth.  
c. The plants and animals on the Earth.                      d. The gases surrounding the Earth.

**34. People obtain their needs of ..... from lakes, rivers, streams and groundwater.**

- a. oxygen gas                      b. carbon dioxide gas  
c. salt water                      d. fresh water

**35. Which of the following is not a component of the hydrosphere ? .....**

- a. Oceans.                      b. Rivers.                      c. Lakes.                      d. Rocks.

**36. Among the risks that threaten lots of fresh water areas on Earth are .....**

- a. conservation and scarcity.
- b. scarcity and poor quality.
- c. conservation and poor quality.
- d. conservation and extinction.

**37. Most of water on Earth is .....**

- a. a mixture of fresh and salt water that is found in estuaries.
- b. fresh water that is found underground.
- c. salt water that is found in oceans and seas.
- d. fresh water that is found in lakes.

**38. The area of land where all the water flows in one direction to a common location as ocean is called .....**

- a. tributary.
- b. estuary.
- c. wetland.
- d. watershed.

**39. The level of water in a river may increase causing flooding, when there is more .....**

- a. rainfall.
- b. wind.
- c. sunlight.
- d. sediments.

**40. Basic liquid matter which is needed by humans, animals and plants to survive is .**

- a. milk.
- b. water.
- c. oil.
- d. alcohol.

**41. All the following are from sources of water on the Earth, except .....**

- a. groundwater.
- b. ponds.
- c. glaciers.
- d. molten rocks.

**42. Among the ways of conserving fresh water is .....**

- a. taking a quick shower.
- b. keep faucet opening during wash your hair.
- c. drinking' more water instead of juice.
- d. taking a long shower.

**43. Among the sources of water which human can use for drinking .....**

- a. seas.
- b. oceans.
- c. saltwater lakes.
- d. rivers.

**44. Human can use water in all the following purposes, except .....**

- a. fishing.
- b. transportation.
- c. generating electricity.
- d. weathering of rocks.

**45. The amount of salt water on the Earth is ..... the amount of fresh water.**

- a. larger than
- b. smaller than
- c. equal to
- d. half

**46. There is a/an ..... between Nile River and Mediterranean sea.**

- a. lake
- b. wetland
- c. ocean
- d. estuary

47..... are formed when water collects in low-lying areas.

- a. Seas                                      b. Oceans                                      c. Lakes                                      d. Rivers

48.Among the kinds of wetlands are .....

- a. swamps and lakes.                                      b. marshes and bogs.  
c. ponds and oceans.                                      d. swamps and estuaries.

49.Estuary is formed when the water of ..... meets the water of .....

- a. a river - a sea.                                      b. a river - groundwater.  
c. a sea - an ocean.                                      d. a sea - a wetland.

50.The floor of ..... may contain mountains and plateaus.

- a. wetland                                      b. oceans                                      c. rivers                                      d. lakes

51.The type of water that is found in the sea is .....

- a. salt water only.                                      b. fresh water only.  
c. salt and fresh water.                                      d. neither salt nor fresh water.

52..... is also known as lithosphere.

- a. Biosphere                                      b. Hydrosphere                                      c. Geosphere                                      d. Atmosphere

53.96.5% of Earth's water is ..... water.

- a. salt                                      b. boiling                                      c. fresh                                      d. frozen

54.Hydrosphere includes all the following items, except .....

- a. oceans.                                      b. rivers.                                      c. molten rocks.                                      d. groundwater.

55.Glacier that is made of ice is considered a part of .....

- a. biosphere.                                      b. hydrosphere.                                      c. geosphere.                                      d. atmosphere.

56.Water lilies can live in .....

- a. ponds.                                      b. seas.                                      c. oceans.                                      d. deserts.

57.Among animals that can be found in ponds are ..... and .....

- a. lions - salamanders.                                      b. dogs - frogs.  
c. frogs - salamanders.                                      d. foxes - bears.

58.Water covers nearly..... of the Earth planet.

- a.  $\frac{3}{4}$                                       b.  $\frac{2}{4}$                                       c.  $\frac{4}{4}$                                       d.  $\frac{2}{3}$

**\*(3) Complete the following:**

1. The Earth's system that includes all living organisms is called .....
2. Water is responsible for ..... process and ..... process of rocks.
3. Water bodies on Earth can change from liquid state to ..... state by freezing, while they can change into ..... state by evaporation.
4. Fresh water forms some water bodies such as ..... and some lakes, while seas and oceans are formed of ..... water.
5. During the water cycle in nature, water evaporates forming ....., then it returns back to the Earth's surface in the form of .....
6. The groundwater that is found in soil and rocks is an example of interaction between two spheres which are ..... and .....
7. A rat that digs a burrow in the soil is an example of the interaction between ..... and geosphere.
8. Irrigation of plants is an example of the interaction between two Earth's systems which are ..... and .....
9. Respiration of living organisms is an example of an interaction between ..... and ..... systems.
10. A rat that digs a burrow in the soil is an example of the interaction between ..... and .....
11. Most lakes have ..... water, while other lakes have ..... water.
12. From sources of salt water are ..... and .....
13. Rivers contain ..... water, while oceans contain ..... water.
14. Glaciers are sources of ..... water which have a solid state of matter.
15. We must take a quick shower to conserve .....
16. The land that is partially covered with water is called .....
17. When a river meets a sea, an ..... is formed.
18. The word "hydro" means ....., while the word "geo" means .....
19. The type of water that is found in rivers, most of lakes and streams is a ..... water.
20. Intertidal zone is the area along the ocean between the ..... tide and ..... tide.
21. Abyssal zone in the ocean is a dark area as ..... cannot reach it.

22. Some ponds and lakes dry up in the ..... months.
23. From examples of freshwater lakes in Egypt is .....
24. According to water movement, ponds have ..... water compared to streams that have ..... water .
25. In High Dam, water is used to generate .....
26. Salt water forms about ..... of water on Earth, while fresh water forms about ..... of water on Earth.
27. The amount of fresh water on Earth is ..... than the amount of salt water.
28. Water can cause ..... process, then ..... process of rocks.

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**\*(4) Put ( √ ) or ( X ):**

1. We must conserve fresh water, because it is limited on Earth. ( )
2. Building factories is from human strategies to control and conserve fresh water. ( )
3. Water is important for growing of living organisms. ( )
4. If there is no hydrosphere, the biosphere will not exist. ( )
5. Water can change into water vapor in extreme cold weather. ( )
6. All animals and plants can live in aquatic habitats. ( )
7. Generating electricity, fishing and transportation are from the uses of water. ( )
8. Water is used for agriculture in Egypt. ( )
9. Water of oceans is constantly moving in the form of waves. ( )
10. The system that includes rocks and soil is called hydrosphere. ( )
11. Waterfalls are part of atmosphere. ( )
12. Atmosphere and hydrosphere affect water cycle. ( )
13. Fresh water scarcity and quality are two main risks that threaten the world. ( )
14. Poor quality of fresh water leads to extinction of some species live in fresh water. ( )
15. About 10% of the world's animal species live only in freshwater habitats. ( )
16. Among the sources of fresh water are rains. ( )
17. The percentage of fresh water is higher than that of salt water, so we should conserve salt water. ( )
18. Oceans are considered as saltwater bodies. ( )
19. We can drink the water of seas. ( )
20. Rivers often start in mountains in the form of estuaries. ( )
21. The type of water in rivers is fresh water only. ( )
22. There is an estuary between Nile River and Mediterranean Sea. ( )
23. Groundwater is formed in the cracks and spaces between underground rocks. ( )
24. Ocean's floor may have mountains, plains and plateaus. ( )
25. Oceans are considered as saltwater bodies. ( )
26. Assal lake is surrounded by land and it is a low-lying area. ( )

27. High quality of fresh water leads to the death of marine organisms live in it. ( )
28. Most of water surfaces on Earth contain salt water. ( )
29. Most of lakes have fresh water, while some other lakes have salt water. ( )
30. Living organisms are parts of geosphere . ( )
31. All of the water on Earth represent the hydrosphere . ( )
32. There are no living organisms live in the hydrosphere . ( )
33. Gases which surround the Earth represents the atmosphere . ( )
34. There is only one type of aquatic ecosystems known as saltwater ecosystems. ( )
35. The deep areas of the ocean that sunlight cannot reach it, are called abyssal zones. ( )
36. Some ponds and lakes may dry up in winter months. ( )
37. All living organisms are parts of the atmosphere. ( )
38. Oceans, lakes and rivers are included in the hydrosphere. ( )
39. Deserts and forests are examples of biomes. ( )
40. Less than 50% of Earth's surface is covered with water. ( )
41. Most of the salt water on Earth is found in the form of frozen water. ( )
42. Fresh water forms about 3.5% of water on Earth. ( )
43. Without water, all forms of life will disappear. ( )
44. The Sun plays an important role in water cycle. ( )
45. A glacier is considered a part of hydrosphere. ( )
46. Sharks in water is an example of an interaction between biosphere and geosphere. ( )
47. Both ponds and streams contain salt water. ( )
48. The sand in deserts is a part of geosphere. ( )
49. About 71 % of Earth is covered by water. ( )
50. Some animals and plants live in water. ( )
51. Water on the Earth is divided into fresh water and salt water. ( )
52. Earth's systems don't interact with each other. ( )
53. When wind carries seeds of some plants to new places, an interaction between atmosphere and biosphere can be observed. ( )

54. Dolphins in oceans represent an interaction between biosphere and hydrosphere. ( )
55. The Earth's system which contains sand and rocks is the geosphere. ( )
56. Lakes have fresh water only. ( )
57. Some types of worms live in oceans. ( )
58. Rivers and streams are running freshwater bodies. ( )
59. Earth's systems are divided into geosphere and biosphere only. ( )
60. A river always flows from an area of lower place to an area with higher place. ( )
61. All animals and plants can live in aquatic habitats. ( )
62. Some animals live in streams such as catfish and salmon. ( )
63. Fresh water and salt water belong to the hydrosphere. ( )
64. The total amount of water on Earth does not change. ( )
65. Half of Earth's surface is covered by water. ( )
66. When water freezes, it changes to water vapor. ( )
67. Oceans and rivers always contain salt water. ( )
68. Water and plants are considered renewable resources. ( )
69. Dolphins live in ponds and streams. ( )
70. Ponds and streams contain fresh water. ( )

✱(5) **Correct the underline:**

1	Water of streams is characterized by it is <u>still</u> water.	( ..... )
2	Water covers about <u>97</u> % of Earth's surface	( ..... )
3	Scientists divided the Earth into <u>five</u> main systems.	( ..... )
4	<u>Hydrosphere</u> is the system that is composed of mixture of gases.	( ..... )
5	As water covers $\frac{3}{4}$ of the Earth's surface, our planet appears in <u>white</u> color from space.	( ..... )
6	<u>Erosion</u> means the breakdown of rocks into smaller particles due to the effect of rain, wind and temperature.	( ..... )
7	The Earth's system that includes all living organisms is called <u>hydrosphere</u> .	( ..... )
8	When living organisms breathe, there is an interaction between <u>geosphere</u> and atmosphere.	( ..... )
9	The system that includes oceans, rivers and seas is called <u>biosphere</u> .	( ..... )
10	During the water cycle in nature, water evaporates forming <u>rains</u> .	( ..... )
11	The <u>atmosphere</u> includes all forms of water on Earth.	( ..... )
12	The nitrogen in the air is a part of <u>geosphere</u> .	( ..... )
13	The water body that is surrounded by land is known as <u>river</u> .	( ..... )
14	When rain falls on a soil, this represents an interaction between <u>biosphere</u> and geosphere.	( ..... )
15	Fresh water forms about <u>96.5</u> % of water on Earth.	( ..... )

**\*(6) Choose from column (B) what suits it in column (A) :**

1.

( A )	( B )
1. Geosphere	a. contains oxygen and nitrogen gases.
2. Atmosphere	b. contains rocks and sand.
3. Biosphere	c. contains fresh water and salt water.
4. Hydrosphere	d. contains animals and plants.
	e. contains clouds and molten rocks.

1.

2.

3.

4.

2.

( A )	( B )
1. Oceans	a. contain fresh water or salt water.
2. Lakes	b. contain salt water only.
3. Rivers	c. contain fresh water only.
4. Groundwater	d. is the water found in a gas state.
	e. is the water found under the Earth's surface.

1.

2.

3.

4.

3.

( A )	( B )
1. The word "Geo" refers to	a. life.
2. The word "Hydro" refers to	b. vapor.
3. The word "Atmos" refers to	c. Sun.
4. The word "bio" refers to	d. water.
	e. Earth.

1.

2.

3.

4.

4.

( A )	( B )
1. Shallow areas of oceans	a. live in fresh water.
2. Abyssal areas of oceans	b. don't receive sunlight.
3. Frogs	c. contain coral reefs.
4. Dolphins	d. live in salt water.
	e. live in deserts.

1.

2.

3.

4.

**\*(7) Give reasons for:**

1. Our planet looks like a blue marble from the space.

.....

2. Water can affect nonliving things like rocks.

.....

3. Importance of atmosphere for plants in making their food.

.....

4. Most of fresh water on Earth can't be used for drinking.

.....

5. Water that forms the hydrosphere is one of the renewable resources on Earth.

.....

6. Hiding of worms inside the soil is an example of an interaction between two Earth's spheres.

.....

7. Water is important for all plants on Earth.

.....

8. Some ponds and lakes may dry up during some months.

.....

9. No green plants can survive in the abyssal zones of oceans.

.....

**\*(8) What happens to ... ?**

1. The state of water when it is subjected to extreme cold weather.

.....

2. Plants can't get carbon dioxide gas from air.

.....

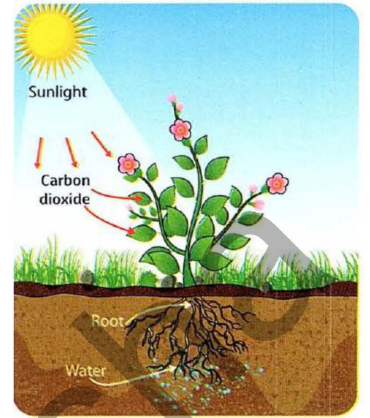
3. Animals that live in lakes if they dry up.

.....



**\*(9) TRY TO ANSWER:**

1. Green plants can make their food by photosynthesis process. In this process plants take water from the soil, carbon dioxide and sunlight.



**Complete:**

Atmosphere	Hydrosphere	Biosphere	Geosphere
(a) .....	(b) .....	(c) .....	(d) .....

2. Classify the following items in the table below:

(Rivers - Insects - Mountains - Seas - Deserts - Crocodiles - Wind)

Biosphere	Geosphere	Atmosphere	Hydrosphere

3. Classify the following water bodies in the following table:

(oceans - rains - seas - glaciers - groundwater - rivers)

Salt water	Fresh water
.....	.....
.....	.....
.....	.....
.....	.....

4. Look at the following pictures, then write below each picture the two Earth's spheres that interact with each other:



(1) ..... and .....

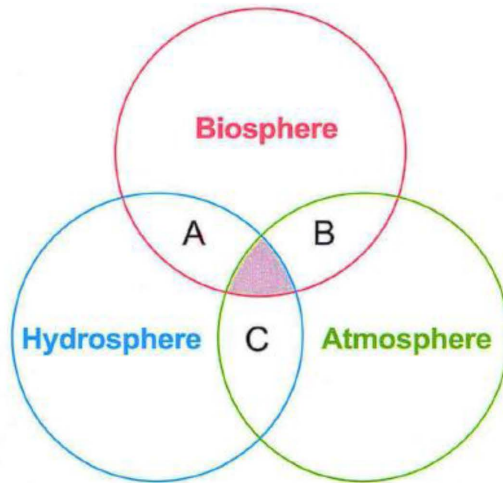


(2) ..... and .....



(3) ..... and .....

5. The following model shows a diagram containing three interacted Earth's spheres. Read these sentences, then put (✓) or (x) :

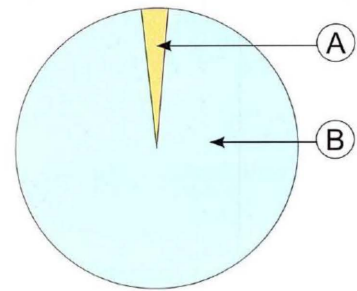


- 1. Area (B) can represent a student respire in oxygen gas. ( )
- 2. Area (A) can represent small rocks in an ocean. ( )
- 3. Area (C) can represent evaporation of sea water forming clouds and falling of rains. ( )

6.

Look at the opposite graph that shows the percentage of both salt water and fresh water in Earth's hydrosphere, then put (✓) or (x) :

- 1. Area (A) represents salt water. ( )
- 2. Seas and oceans are examples of water bodies that belong to area (B). ( )
- 3. During water cycle, water evaporates from both areas (A) and (B). ( )
- 4. The type of water in rivers belongs to area (A). ( )

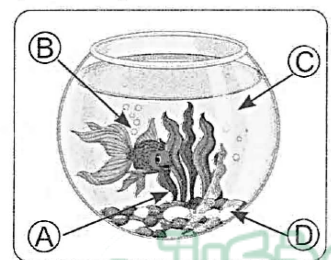


7.

Look at the opposite picture, then complete the following sentences using the words below :

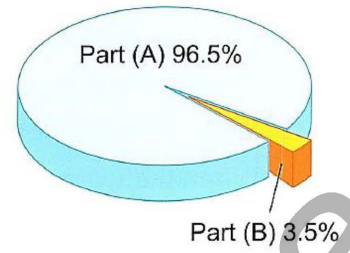
(atmosphere – biosphere – geosphere – hydrosphere)

- 1. Label (A) refers to ..... , while label (B) shows gas bubbles which refer to .....
- 2. Label (C) refers to ..... , while label (D) shows a small rock which refers to .....
- 3. This fish belongs to .....



**8. Look at the opposite figure, then complete the sentences below :**

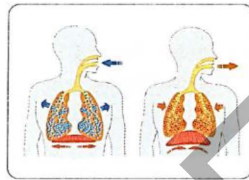
- Part ..... represents fresh water, while part ..... represents salt water.
- The type of water which humans can drink is represented by part .....
- Ocean is an example of water bodies which is included in part .....
- We must conserve the type of water that is represented by part ..... , because .....



**9. Look at the following pictures, then complete the following sentences :**



(1)



(2)



(3)

- Picture number ..... represents the interaction between biosphere and geosphere.
- Picture number ..... represents the interaction between biosphere and hydrosphere.
- Picture number ..... represents the interaction between biosphere and atmosphere.

# Model Answer

**\* (1) Write the scientific term:**

- |                 |                |                 |                 |                |
|-----------------|----------------|-----------------|-----------------|----------------|
| 1. Biosphere    | 6. Fresh water | 11. Groundwater | 16. Weathering  | 21. Atmosphere |
| 2. Biome        | 7. River       | 12. Watershed   | 17. Erosion     |                |
| 3. Ocean        | 8. Ocean       | 13. Flood       | 18. Water cycle |                |
| 4. Shallow area | 9. Wetland     | 14. Drought     | 19. Geosphere   |                |
| 5. Water        | 10. Estuary    | 15. River       | 20. Hydrosphere |                |

**\* (2) Choose the right answer:**

- |       |       |       |       |       |       |
|-------|-------|-------|-------|-------|-------|
| 1. A  | 11. A | 21. D | 31. B | 41. D | 51. A |
| 2. A  | 12. A | 22. B | 32. C | 42. A | 52. C |
| 3. D  | 13. C | 23. D | 33. D | 43. D | 53. A |
| 4. D  | 14. D | 24. B | 34. D | 44. D | 54. C |
| 5. B  | 15. B | 25. C | 35. D | 45. A | 55. B |
| 6. B  | 16. C | 26. A | 36. B | 46. D | 56. A |
| 7. A  | 17. C | 27. A | 37. C | 47. C | 57. C |
| 8. D  | 18. B | 28. C | 38. D | 48. B | 58. A |
| 9. B  | 19. C | 29. C | 39. A | 49. A |       |
| 10. B | 20. B | 30. C | 40. B | 50. B |       |

**\* (3) Complete the following:**

- |                            |                            |                   |                   |                          |
|----------------------------|----------------------------|-------------------|-------------------|--------------------------|
| 1. Biosphere               | 7. Biosphere               | 12. Seas – oceans | 18. Water – earth | 24. Still – running      |
| 2. Erosion – weathering    | 8. Hydrosphere – biosphere | 13. Fresh – salt  | 19. Fresh         | 25. Electricity          |
| 3. Solid – gas             | 9. Atmosphere – biosphere  | 14. Fresh         | 20. High – low    | 26. 96.5% - 3.5%         |
| 4. Rivers – salt           | 10. bio – geo              | 15. Fresh water   | 21. Sunlight      | 27. Smaller              |
| 5. Clouds – rain           | 11. Fresh – salt           | 16. Wetland       | 22. Summer        | 28. weathering - Erosion |
| 6. Hydrosphere – geosphere |                            | 17. Estuary       | 23. Lake Nasser   |                          |

**\* (4) Put ( √ ) or ( X ):**

- |           |           |           |           |           |           |
|-----------|-----------|-----------|-----------|-----------|-----------|
| 1. ( √ )  | 13. ( √ ) | 25. ( √ ) | 37. ( X ) | 49. ( √ ) | 61. ( X ) |
| 2. ( X )  | 14. ( √ ) | 26. ( √ ) | 38. ( √ ) | 50. ( √ ) | 62. ( √ ) |
| 3. ( √ )  | 15. ( √ ) | 27. ( X ) | 39. ( √ ) | 51. ( √ ) | 63. ( √ ) |
| 4. ( √ )  | 16. ( √ ) | 28. ( √ ) | 40. ( X ) | 52. ( X ) | 64. ( √ ) |
| 5. ( X )  | 17. ( X ) | 29. ( √ ) | 41. ( X ) | 53. ( √ ) | 65. ( X ) |
| 6. ( X )  | 18. ( √ ) | 30. ( X ) | 42. ( √ ) | 54. ( √ ) | 66. ( X ) |
| 7. ( √ )  | 19. ( X ) | 31. ( √ ) | 43. ( √ ) | 55. ( √ ) | 67. ( X ) |
| 8. ( √ )  | 20. ( X ) | 32. ( X ) | 44. ( √ ) | 56. ( X ) | 68. ( √ ) |
| 9. ( √ )  | 21. ( √ ) | 33. ( √ ) | 45. ( √ ) | 57. ( X ) | 69. ( X ) |
| 10. ( X ) | 22. ( √ ) | 34. ( X ) | 46. ( X ) | 58. ( √ ) | 70. ( √ ) |
| 11. ( X ) | 23. ( √ ) | 35. ( √ ) | 47. ( X ) | 59. ( X ) |           |
| 12. ( √ ) | 24. ( √ ) | 36. ( X ) | 48. ( √ ) | 60. ( X ) |           |

**\* (5) Correct the underline:**

- |               |               |                 |                 |
|---------------|---------------|-----------------|-----------------|
| 1. Running    | 5. Blue       | 9. Hydrosphere  | 13. Lake        |
| 2. 71%        | 6. Weathering | 10. Clouds      | 14. Hydrosphere |
| 3. Four       | 7. Biosphere  | 11. Hydrosphere | 15. 3.5%        |
| 4. Atmosphere | 8. Biosphere  | 12. Atmosphere  |                 |

**\* (6) Choose from column (B) what suits it in column (A) :**

- |          |      |      |      |
|----------|------|------|------|
| <b>1</b> |      |      |      |
| 1- b     | 2- a | 3- d | 4- c |
| <b>2</b> |      |      |      |
| 1- b     | 2- a | 3- b | 4- e |
| <b>3</b> |      |      |      |
| 1- e     | 2- d | 3- b | 4- a |
| <b>4</b> |      |      |      |
| 1- c     | 2- b | 3- a | 4- d |

**\*(7) Give reasons for:**

1. Because about 71 % of Earth is covered by water.
2. Because water can cause weathering and erosion of rocks.
3. Because plants take in carbon dioxide gas from air during photosynthesis process.
4. Because most of fresh water on Earth are in the form of frozen water.
5. Because water can be replaced in nature through water cycle.
6. Because worms belong to biosphere, while soil belongs to geosphere.
7. Because all plants need water to grow and some of them live in water.
8. Because when the temperature increases in summer, water evaporates faster.
9. Because the abyssal zones don't receive sunlight, which is important for making food in plants

**\*(8) What happens to ... ?**

1. It will be changed into solid state (ice).
2. They will not be able to make their food by photosynthesis process.
3. They have to adapt to the changes that happen, or they will die.

**\*(9) TRY TO ANSWER:**

1.
 

a. carbon dioxide	b. water	c. plant	d. soil
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2.
 

Biosphere : Crocodiles – Insects Atmosphere: Wind	Geosphere: Mountains - Deserts Hydrosphere: Rivers – Seas
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3.
 

Salt water : oceans - seas Fresh water : rains – glaciers – groundwater - rivers	
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4.
 

1. biosphere – atmosphere	2. Biosphere - Geosphere	3. Biosphere – Hydrosphere
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5.
  1. (√)
  2. (X)
  3. (√)
6.
  1. (X)
  2. (√)
  3. (√)
  4. (√)
7.
 

1. biosphere – atmosphere	2. Hydrosphere – Geosphere	3. biosphere
---------------------------	----------------------------	--------------
8.
  1. b - a
  2. b - a
  3. a
  4. b – limited on earth
9.
  1. (3)
  2. (1)
  3. (2)