



- **Select the most suitable answer and write it on the given space for question number 01 to 10**

- 1) ..... (Animals/Soil/Plants) can be identified as one of a non living component that affects the processes in the biosphere.
- 2) The upper boundary of the Mesosphere extends upto the altitude of .....(16km/50km/80km) from sea level.
- 3) A part of the water received on the surface of the earth flows as ..... (surface runoff/ infiltration/ evaporation)
- 4) The ozone layer which is very important for the existence of the biosphere is located in .....(Troposphere/ Stratosphere/ Thermosphere)
- 5) The area of the surface of the Earth is about .....(510/610/1386) Million square km.
- 6) The deterioration of the quality of water due to the impact of various human activities is known as ..... (Conservation of water/ Pollution of water/ Excess of water)
- 7) According to the environmental lapse rate, the temperature decreases by .....(0.64<sup>0</sup>C/ 6.4<sup>0</sup>C/ 64<sup>0</sup>C) for every 1000m.
- 8) Circulation of water throughout the earth as a continuous process is called ..... (water cycle/ consumption of water/ carbon cycle)
- 9) The most abundant gas in the atmosphere is ..... (Oxygen/ Nitrogen/ Argon)
- 10) ..... (79%/20%/1%) of the fresh water distributed on the earth is composed of ice caps and glaciers.

- **Study the following statements, if they are correct circle “T” if not circle “F” for the question number 11 to 15.**

11) Nitrogen is the most abundant gas in the atmosphere. T / W

12) Condensation means the process which adds water to the atmosphere by leaves. T / W

13) The equilibrium of the biosphere has been disturbed due to various human activities. T / W

14) The highest temperature of the atmosphere prevails in Mesosphere. T / W

15) Lithosphere is consisted of crust and upper mantle. T / W

- **Answer following questions**

16) Write 5 uses obtained through the lithosphere by humans.

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17) Write 5 unfavorable effects caused to the lithosphere through harmful human activities.

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18) Write five uses of the atmosphere to man.

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19) Write four human activities that cause pollution of the atmosphere.

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20) Write four impacts of air pollution on the physical and human environment

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21) Write five uses of water

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22) Write four human activities that cause water pollution

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23) Briefly describe following terms.

- \* Evaporation- .....
- \* Transpiration- .....
- \* Condensation- .....
- \* Precipitation – .....
- \* Surface runoff – .....

24) Draw a diagram of water cycle

25) State the boundaries of the biosphere

- In the lithosphere – .....
- In the hydrosphere - .....
- In the atmosphere - .....

26) Write four human activities that disturb the equilibrium of the biosphere

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