



RAMAGYA SCHOOL, NOIDA
VII/SCIENCE/2017-18
OLYMPIAD PRACTICE WORKSHEET

1. Which of the following does not show water shortage?

- (a) Taps running dry.
- (b) Long queues for getting water.
- (c) Marches and protests for demand of water.
- (d) A family gets three buckets of water per person per day.

2. Seas and oceans are full of water on earth. However, a very small percentage of water present on earth is available for us. This percentage is roughly

- (a) 0.006%. (b) 0.06%. (c) 0.6%. (d) 6%.

3. Which of the following are not the liquid forms of water?

(i) Snow (ii) Lake water (iii) River water (iv) Water vapour (v) Ice

Choose the correct combination from the options below.

- (a) (i), (iv) and (v) (b) (i) and (ii) (c) (ii) and (iii) (d) (iv) only

4. A man digging the ground near a water body found that the soil was moist. As he kept digging deeper and deeper he reached a level where all the spaces between particles of soil and gaps between rocks were filled with water. The upper limit of this layer is called

- (a) Water level (b) water table (c) ground water (d) water limit.

5. Which of the following is a way to use water economically?

- (a) Construction of bawdies
- (b) Rainwater harvesting
- (c) Drip irrigation
- (d) Infiltration

6. On which of the following day is World Water Day observed?

- (a) 22 March (b) 14 November (c) 2 October (d) 21 December

7. The amount of water recommended by the United Nations for drinking, washing, cooking and maintaining proper hygiene per person per day is a minimum of

- (a) 5 litres (b) 15 litres (c) 30 litres (d) 50 litres

8. "Every Drop Counts" is a slogan related to

- (a) counting of drops of any liquid
- (b) counting of water drops
- (c) importance of water
- (d) importance of counting.

9. Water cycle does not involve which of the following?

- (a) Evaporation
- (b) Condensation
- (c) Formation of clouds
- (d) Rainwater harvesting

10. Which of the following inhibits the seepage of rain water into ground?

- (a) A pukka floor
- (b) Playground
- (c) Grass lawn
- (d) Forest land

11. State whether the following statements are true or false. If false, write the correct statement.

- (a) Water vapour is the gaseous form of water
- (b) Ice is solid whereas snow is the semi-solid form of water
- (c) Ocean water cannot be used for domestic purposes
- (d) Rapid growth of industries is one of the causes for water shortage.

12. Some definitions are given below which can be corrected by changing one word. Correct them.

- (a) Aquifer is ground water stored between layers of hard rock above the water table
- (b) The process of evaporation of water in the ground is called infiltration
- (c) The evaporation of water from oceans and its arrival back into oceans is called vapour cycle.

13. What is the source of water in each of the following?

- (a) Wells
- (b) Ground
- (c) Atmosphere

14. State whether the following statements are true or false. If false, give the correct statement.

- (a) The process of seeping of water into ground is called filtration
- (b) 51% of the earth's surface is covered with water
- (c) Year 2003 was observed as the International Year of Freshwater
- (d) Snow and ice both are solid forms of water

15) Which of the following is a physical change?

- (a) Rusting of iron
- (b) Combustion of magnesium ribbon
- (c) Burning of candle
- (d) Melting of wax

16) Which of the following is a chemical change?

- (a) Twinkling of stars
- (b) Cooking of vegetables
- (c) Cutting of fruits
- (d) Boiling of water

17) A chemical change may involve

- (a) change in colour only
- (b) change in temperature only
- (c) evolution of gas only
- (d) any or all of the above

18) Which of the following is/are true when milk changes into curd?

- (i) Its state is changed from liquid to semi solid
- (ii) It changes colour
- (iii) It changes taste
- (iv) The change cannot be reversed. Choose the correct option from below:

- (a) (i) and (ii) are correct
- (b) (ii) and (iii) are correct
- (c) (i), (iii) and (iv) are correct
- (d) (i) to (iv) are correct

19) A man painted his main gate made up of iron, to

- (i) Prevent it from rusting
- (ii) protect it from sun
- (iii) make it look beautiful
- (iv) make it dust free.

Which of the above statement(s) is/are correct?

- (a) (i) and (ii)
- (b) (ii) and (iii)
- (c) only (ii)
- (d) (i) and (iii)

20) Iron pillar near the Qutub Minar in Delhi is famous for the following facts. Which of these facts is responsible for its long stability?

- (a) It is more than 7 metres high
- (b) It weighs about 6000 kg
- (c) It was built more than 1600 years ago
- (d) It has not rusted after such a long period