

Charotar English Medium School, Anand  
Annual Exam 2018-19  
Sub: Science

Std:-III  
Date: 10 /04/2019

**Answer Key**

Marks:80  
Time:3Hrs

**Q.1 Word Meaning.**

[10]

1. **Social Insects:** insects that live together
2. **Digestion:** breakdown of food into simpler forms
3. **Unit:** a fixed quantity that is used as standard of measurement
4. **Matter:** any substance that has weight and occupies space
5. **Loading:** adding chemicals to improve the rates of sedimentation
6. **Freezing:** Change of liquid into solid on cooling
7. **Noise:** loud and unpleasant sound
8. **Astronauts:** People who go into space
9. **Solar System:** Family of the sun and the eight planets
10. **Pollution:** making air, water and soil dirty

**Q.2 Multiple Choice Questions.**

[10]

1. How many forms of matter are there?  
(a) three (b)four (c)five (d)two
2. Which one is not a month of winter season?  
(a)December (b)June (c)January (d)None of these
3. Which is the main source of water on the earth?  
(a)Sea (b) rain (c) pond (d) lake
4. 1litre = \_\_\_\_\_.  
(a)1000ml (b)100ml (c)10ml (d)20ml
5. Name the largest group of animals on the earth.  
(a) reptiles (b) mammals (c) insects (d) none of these
6. All materials are made up of  
(a)Solid (b) liquid (c)matter (d)none of these
7. The shape of the earth is  
(a) round (b) flat (c) square (d) triangle
8. Very long distances are measured in\_\_\_\_\_.  
(a) centimeters (b) metres (c) kilometers (d) gram
9. Everything that surrounds us is called  
(a) pollution (b) environment (c) pollutant (d) water
10. In which season, days and nights are hot?  
(a) Summer (b) Winter (c) monsoon (d) Autumn

11. Which of the following is used as a sealing material?  
 (a) bees wax                    **(b) lac**                    (c) honey    (d) plastic
12. Our body is made up of different kinds of  
**(a) cells**                    (b) flesh    (c) blood    (d) bricks
13. . Which liquid is called a universal solvent?  
 (a) alcohol                    (b) juice    **(c) water**    (d) sand
14. Internal organs are protected by \_\_\_\_\_.  
 (a) muscles                    **(b) skeleton** (c) nerves    (d) none of these
15. Cholera is caused by \_\_\_\_\_.  
**(a) polluted food and water**    (b) polluted air    (c) loud sound  
 (d) none of these
16. The pole star helps to find the \_\_\_\_\_ direction.  
 (a) East                    **(b) north**                    (c) south                    (d) west
17. Soft and gentle wind is called \_\_\_\_\_.  
 (a) cloud                    **(b) breeze**                    (c) cloud                    (d) rain
18. Which gas escapes out rapidly as we open the bottle of soda water?  
 (a) oxygen                    **(b) carbon dioxide**                    (c) hydrogen                    (d) nitrogen
19. Which of the following cannot be seen?  
 (a) solid    (b) liquid    **(c) gas**                    (d) chair
20. The \_\_\_\_\_ system throws out our body wastes.  
 (a) digestive system                    (b) reproductive    **(c) excretory** (d) circulatory
- Q.3 Fill in the blanks. [10]

less	stomach	locusts	faster	gases	heavier	queen	windpipe	soluble	blood
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1. Breathing purifies our **blood**.
2. Sugar is **soluble** in water
3. Oxygen and water vapour are examples of **gases**.
4. Materials like iron and aluminium are **heavier** than water.
5. Food is churned and mixed with digestive juices in the **stomach**.
6. The desert rats and snakes need **less** water.
7. **Locusts** destroy our crops.
8. Stirring makes solute to dissolve **faster** in water.
9. A **queen** ant is the largest in size among all ants.
10. Air goes down to lungs through **windpipe**.

handspan	telescope	length	smoke	DhruvTara	capacity	seasons	short	ice	ribs
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11. The **ribs** protect our heart and lungs.
12. We use a metre rode to measure **length**
13. **Ice** is the solid form of water.
14. Pole Star is also called **DhruvTara**.
15. Long ago, people used **handspan** to measure length.
16. Revolution of the earth causes **seasons**.
17. Litre is the unit of **capacity**.
18. **Short** hand of a clock reads hours.
19. **Smoke** from vehicles pollutes the air.
20. We can observe stars with a **telescope**.

Q.4 Write 'T' for true or 'F' for false sentences.

1. Garbage on open land gives pleasant smell. [ F]
2. Spring season comes after the monsoon. [F]
3. The three states of water are interchangeable in nature. [T]
4. The smoke from factories should be filtered. [T]
5. Plants need carbon dioxide to make food. [T]
6. We fall sick if we breathe polluted air. [T]
7. Solar cookers use solar energy for making food. [T]
8. Addition of sand in water makes water pure. [F]
9. Liquids have a fixed shape and size. [T]
10. Drink boiled and filtered water in the monsoon. [T]

Q.5 [A] Very Short Answer Questions.

1. What causes day and night? -----**The Earth completes one rotation in 24 hours it causes day and night on the earth.**
2. Name the different types of worker ants in ant colony.-----**1. soldier ants 2. forager ants 3. nursery worker ants 4. cleaner ants**

3. Which energy is used for making salt from sea water?-----**Solar energy**
4. What is a cell? ---- **Cells are the smallest unit of our body/ building blocks of our body**
5. Name the gases present in the air. ----- **Oxygen, Carbon dioxide, Nitrogen**
6. Name the organs involved in digestive system. ---- **mouth, food pipe, stomach, small intestine, large intestine, anus**
7. Who is the mother of all ants?----- **Queen ant**
8. What is drought?----- **It is very dry period due to no rain or less rain for a long time an area.**
9. What is the normal temperature of our body?----- **98.4 °C**
10. Name water pollutants.----- **Washing clothes, bathing animals.**
11. Name the instrument used to measure temperature.----- **Clinical Thermometre**
12. What is a solution?-----**A mixture of solute and solvent is called a solution.**
13. Write the names of the phases of the moon. ----- **New moon, Crescent moon, half moon, gibbous moon, full moon.**
14. Name two movements of the earth. ----- **rotation and revolution**
15. Name one constellation. ----- **Leo(lion),**

**[B] Short Answer Questions.**

1. Why does the Earth look flat to us ?

**Ans: The Earth is very big. We can see only a small part of it. This small part appears flat to us.**

2. What are craters ?

**Ans: There are huge holes on the surface of the moon called craters.**

3. What is mass?

**Ans: Measurement of how heavy or light an object is called mass.**

**4. What is weather?**

**Ans: The condition of the air of a place at a particular time is called weather.**

**5. Why are morning and evening cooler than afternoon?**

**Ans: In the morning and evening the sunrays are slanting whereas in the afternoon rays of the sun are direct.**

**6. What is solubility?**

**Ans: The maximum amount of solute that can be dissolved in a given amount of solvent is called solubility.**

**[C] Long Answer Questions.**

**1. Give the uses of weather forecast.**

**Ans: 1) It helps us to plan our daily activities**

**2) It helps the farmers to plan their activities according to the rain.**

**3) It helps sailors and pilots to sail or fly as they should know weather it would be a rainy or a clear day.**

**2. List three measures to prevent pollution.**

**Ans: 1) Keeping our house and school clean**

**2) Garbage should be thrown in covered dustbin.**

**3) Not spitting at public places.**

**4) We should plant more and more trees to make the environment clean.**

**3. What is temperature? Which thermometer is used to measure body temperature?**

**Ans: Temperature is the measure of hotness or coldness of a body.**

**Clinical thermometer is used to measure body temperature.**

**4. What is meant by revolution of Earth? What does it cause?**

**Ans: The movement of the Earth around the sun in a fixed orbit is called revolution. The earth completes one revolution in  $365 \frac{1}{4}$  days.  
Revolution of the Earth causes seasons.**

**Q.6 [A] Picture Talk.**

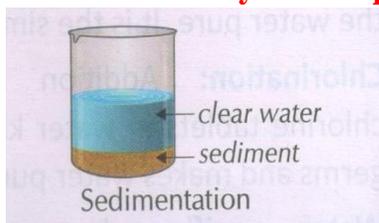


- 1. Draw the picture.**
- 2. What is shown in the picture?**  
**Ans: Evaporation**
- 3. Define the process.**  
**Ans: Change of liquid into gas on heating called evaporation.**
- 4. Is water vapor a gas or a liquid?**  
**Ans: Water vapour is a gas.**

**[B] Draw and define the process.**

**1. Sedimentation**

**Ans: Layer of solid particles settled down at the bottom is called sedimentation. In this method, dirty water is allowed to stand undisturbed in a container for some time. When the impurities settle down, clear water is left above the layer of impurities. This process is called sedimentation.**



## 2. Decantation

**Ans: A gas can change into liquid on cooling . this is called condensation.**

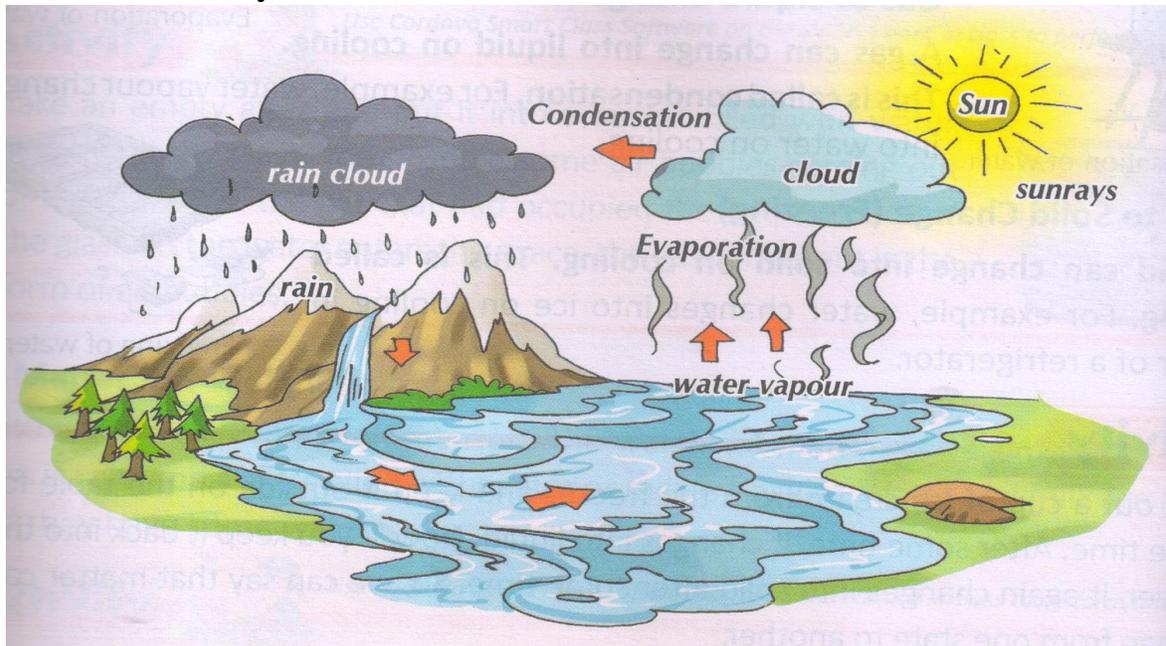
**For**

**example water vapour change into water on cooling.**



**[C] Label the diagram.**

## 1. Water Cycle



**1. Sun**

**2. Sunrays**

**3. Water vapour**

**4. Evaporation**

**5. Cloud**

**6. Condensation**

**7. Rain cloud**

**8. Rain**

