

# Charotar English Medium School

Annual Terminal Exam (2018-19)

Sub: Science

Std: 4<sup>th</sup>  
Date:-11/ 4 /2019

Marks :80  
Time:- 3Hrs

Q:1 Tick(✓) the correct options.

(10)

1. Molars are also called \_\_\_\_\_.  
(a) Tearing teeth (b) cutting teeth (c) grinding teeth (d)none of these
2. The centre of each tooth is called \_\_\_\_\_.  
(a) dentine (b) pulp (c) crown (d)none of these
3. A new born baby has \_\_\_\_\_ teeth.  
(a) Twenty (b) Thirty (c) no (d)none of these
4. An example of wedge is \_\_\_\_\_.  
(a) scissors (b) screw (c) axe (d)none of these
5. Which of the following rocks can float?  
(a) Basalt (b) Granite (c) Pumice (d)none of these
6. Which rock is used in making writing slates?  
(a) Slate (b) quartz (c) limestone (d)none of these
7. Hydroelectricity is produced by \_\_\_\_\_.  
(a) flowing water (b) wind (c) Sun (d)none of these
8. Tea is processed from \_\_\_\_\_.  
(a) leaves (b) flowers (c) fruits (d)none of these
9. Eating lots of sweets and chocolates \_\_\_\_\_ our teeth.  
(a) spoil (b) clean (c) both (d)none of these
10. There are \_\_\_\_\_ molars in each jaw of an adult .  
(a) 3 (b) 4 (c) 6 (d)none of these
11. Which of the following is a wild animal?  
(a) dog (b) sloth bear (c) horse (d)none of these
12. Cereals are rich in \_\_\_\_\_.  
(a) Carbohydrates (b) proteins (c) fats (d)none of these
13. Chipko movement was first started in \_\_\_\_\_.  
(a) Reni village (b) Kali village (c) Navyug village (d)none of these
14. Spices add \_\_\_\_\_ to our food.  
(a) flavour (b) salt (c) sugar (d)none of these
15. There are \_\_\_\_\_ national parks in India.  
(a) 102 (b) 106 (c) 425 (d)none of these
16. Which of the following can speed up a moving object?  
(a) air (b) force (c) friction (d)none of these
17. Cardamom is \_\_\_\_\_.  
(a) spice (b) cereals (c) fibre (d)none of these
18. The coldest planet of the Solar system is \_\_\_\_\_.  
(a) Jupiter (b) Mars (c) Neptune (d)none of these
19. A push or a pull is called \_\_\_\_\_.  
(a) energy (b) force (c) fats (d)none of these
20. Pet animals are kept in \_\_\_\_\_.  
(a) home (b) forest (c) rivers (d)none of these

Q-2 Fill in the blanks.

(10)

1. Microbes are small living organism.
2. A lever is used to hold things.
3. Energy is the ability to do work.
4. Chipko movement was started in the early 1970's.
5. Mount Rushmore made up of igneous rocks.
6. Mercury is the smallest planet.
7. The moon is the natural satellite of the Earth.
8. Forests purify the air.
9. We must brush our teeth atleast twice a day.
10. Tiger is our national animal.

Q-3 Write 'T' for true and 'F' for false.

(05)

1. A lever is used to hold the things together. -F
2. Forests are called the lungs of the Earth. -T
3. The Sun is the main source of energy. -T
4. Friction is a force that tries to stop a moving object. -T
5. There are four kinds of teeth. -T
6. There are total nine planets in our solar system. -F
7. A star is a huge ball of gas. -T
8. All the rocks on the Earth are made up of minerals. -T
9. Teeth help to Chew food and to speak clearly. -T
10. Pulses are rich in carbohydrates. -F

Q:4 Match the following.

(10)

- |     | A        | B                  |
|-----|----------|--------------------|
| 1.  | Enamel   | - Hardest material |
| 2.  | Yeast    | - Cakes and breads |
| 3.  | Wheat    | - Cereal           |
| 4.  | Clove    | - Spice            |
| 5.  | Wood     | - Furniture        |
| 6.  | Cotton   | - Fibre            |
| 7.  | Magma    | - Hot molten rock  |
| 8.  | Obsidian | - Ornamental rock  |
| 9.  | Diamond  | - Precious stones  |
| 10. | Chalk    | - limestone rock   |
|     | A        | B                  |
| 11. | Pebbles  | - Used in lawns    |
| 12. | Sun      | - Solar energy     |
| 13. | Screw    | - Simple machine   |
| 14. | Star     | - Huge ball of gas |

- 15. Planets - Heavenly bodies
- 16. Earth - Life exists
- 17. Peacock - Endangered animal
- 18. 500 - Wildlife sanctuaries
- 19. Plaque - Thin sticky layer
- 20. Microbe - Small living organisms

**Q: 5 (A )Very short answer questions. (total 07)**  
(07)

1. Which rock has sharp edges?  
Ans: Basalt rock
2. Name the sixth planet of the solar system.  
Ans: Saturn
3. Which planet is closest to the Sun?  
Ans:Mercury
4. Which force help us to stop a moving ball?  
Ans: Frictional force
5. Name three domestic animals.  
Ans: Dog, cat/ Horse, Cow
6. Give an example of a wheel and axle.  
Ans: Steering Wheel / Bicycle pedal
7. How many kinds of teeth do we have?  
Ans: 4: Incisors, Canines, Premolars, Molars

**(B) Give the meaning of the following. (08)**

1. Cereals - food grain s such as rice, wheat etc
- 2.Plaque -thin sticky layer of germs covering the teeth
- 3.Force -a push or a pull applied on a body
- 4.Star - a huge ball of gas
5. Germs - microbes that cause diseases
6. Lava -magma that reaches the surface of the Earth
7. igneous rock –rock formed due to cooling of lava
8. Humus - dead and decayed organic matter

**Q:6 Short answer questions. (any 4) (08)**

1. Name different types of soils.  
Ans: There are three types of soils- Sandy soil, clayey soil, loamy soil.
2. What are gemstones? . Give two examples.  
Ans: Some minerals are very hard and found in the form of crystals in the rock. They are cut and polished into beautiful stones called gemstones e.g. Diamond, Ruby.
3. What is meant by Gravitational force?

**Ans:** The force by which the Earth pulls the objects towards it, is called gravitational force.

**4. Why do stars look small to us?**

**Ans:** The stars look small to us because they are far away from us.

**5. Name two national parks.**

**Ans:** 1. Gir national park, Gujarat

2. Periyar national park, Kerala

**Q: 7 Long answer questions. (any 4)**

(12)

**1. What is the difference between a lever and a pulley?**

**Ans: Lever:** A lever is a simple machine used to

- cut things. For example, scissors.
- lift weight. For example, see-saw.
- open lids. For example, bottle opener.

**Pulley:** Pulley is simple machine used to draw water from wells. It consists of a rope running over a wheel. The wheel is grooved to prevent the rope from slipping off.

**2. Discuss the effects of force.**

**Ans:** 1. Force can move a resting object.

2. Force can speed up a moving object.

3. Force can stop a moving object.

4. Force can change the shape of an object.

5. Force can slow down a moving object.

6. Force can change the direction of a moving object.

**3. How are igneous rocks formed?**

**Ans:** The centre of the Earth consists of hot molten rocks. This hot molten rocks inside the Earth is called magma. When a volcano erupts, this magma flows out onto the surface of the Earth. The magma that reaches the surface of the Earth is called lava.

This lava cools down and later solidifies to form igneous rocks.

**4. Why are teeth important to us?**

**Ans:** Teeth are important to us in the following ways:

- Give *shape to our face*.
- help us speak clearly.
- help us bite and chew the food.

**5. Discuss about any four products we get from plants.**

**Ans:** 1. Cereals : We get cereals like wheat , rice and maize from plants. Cereals are rich in carbohydrates.

2 Spices: Spices like cloves, turmeric, chillies , pepper etc are obtained from plants.

3. Sugar: Sugar is mainly obtained from sugarcane.

4. Fibres: Some plants like cotton, jute and hemp give us fibres.

**Q: 8 Draw and label the diagram of solar system**

**(10)**