

CBSE Sample Papers for Class 8 Science Practice Paper 1

Test Paper I Class VIII

Time : 2 1/2 Hrs

Maximum

Marks : 100

General Instructions:

1. Read the content of the question carefully and attempt them there after.
2. Follow the specified word limit, wherever mentioned.
3. Try to be brief and concise and have clarity in expression.
4. Make diagrams and figures wherever necessary.

1. Fill in the blanks:

1 x 10 = 10

1. Reserve stock of food grains of a country is called.....
2. The process of cutting and gathering a crop is known as.....
3.is a dreaded disease of cattle, sheep and goats.
4. Stomach produces.....acid to kill microbes.
5. Disease causing microbes are called.....
6. Mushrooms are edible.....
7. The hardest known material is.....
8. Chemical action in metals exposed to air and water is called.....
9. A.....has a distinct head and a glowing tail.
10.is used in rockets to oxidise rocket fuel.

2. Give one word answer

1 x 10 = 10

1. A homogeneous mixture of two or more metals and non metals.
2. Name the first satellite launched by India.
3. Groups of stars arranged in interesting patterns.
4. A non-metal, generally used as rat poison.
5. Rearing and management of silk moths.
6. Diseases which spread fast in an area and take a heavy toll of human life.
7. The resistance created in our body to fight infection.
8. The process by which milk products are generally preserved.
9. The study of Carbon and its compounds.
10. Cell organell often called suicide bags.

3. Do as directed:

1. **What happens when** (write only chemical equation)

$$1 \times 3 = 3$$

- Sodium react with hydrochloric acid.
- Magnesium react with water.
- Zinc react with Sulphuric acid.

2. Name the two alloy of:

$$1 \times 3 = 3$$

- (a) Ee
(b) Cu
(c) Al

3. Name two breeds of:

$$\mathbf{1 \times 3 = 3}$$

- (a) Wheat (b) Rice (c) Cow

4. Write two name of:

$$1 \times 3 = 3$$

- (a) Heavy metals (b) Protective metals (c) Radioactive

4. Write short notes on:

2 x 5 = 10

1. Transplantation
2. Corrosion and its effects
3. Irrigation
4. Electroplating
5. Acid rain and its harms

5. Give the answer of the following questions:

3 x 10=30

1. What is magnetic induction?
2. What is an electromagnet? Name two application of an electromagnets.
3. What are micro-organism? Name the different types of micro-organism.
4. What are chromosomes? Where can you find them in a cell?
5. Name the three methods to prevent corrosion of metals.
6. Describe some ways by which we can reduce air pollution.
7. What is a light year? How many light years is the sun away from Earth?
8. What is hybridisation?
9. What are harmful effects of pesticides?
10. Write three uses of Copper and Zinc.

6. Differentiate between the following pairs with examples (any three)

4 x 3 = 12

1. Macronutrients and micronutrients.
2. Communicable and non-communicable diseases.
3. Metals and Non-metals.
4. Rabi and Kharif crops.

7. Write answer in detail: (Any two)

5 x 2 = 10

1. What are two methods of making a temporary magnet? Explain with diagram.
2. What is Green Revolution? List the agricultural practices that have resulted in the green revolution.
3. What is a reactivity series of metals? Write name of metals according to series.

8. Draw labelled diagram of any one part:

6

1. An electromagnet and magnetic compass.
2. Bacteriophage and Ursa major.