

# CBSE Sample Papers for Class 8 Science Practice Paper 2

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## Test Paper II Class VIII

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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. ....is a chemical reaction in which the surface of a metal changes from metal atom to metal ion.
2. Shooting stars are actually not.....
3. The body cover that protects brain is called .....
4. The female sex hormones are oestrogen and .....
5. The ductless glands are also called .....
6. ....is the periods of rapid physical growth and mental development taking place between childhood and adulthood.
7. Brown coal is commonly called.....
8. Reducing friction by.....an aircraft or car give it a higher speed.
9. The.....is the black circle present in the eye.
10. The process of fertilisation takes place in human being (female) in.....

### 2. Write the full form of these abbreviations:

1 x 10 = 10

1. OIL-RIG
2. ONGC
3. STD
4. OPEC
5. CNG
6. HIV
7. TSH
8. GH
9. AIDS
10. AMS

### 3. Give one word answer:

2 x 10 = 20

1. The coating of an electrically conductive item with a layer of metal using electric current.
2. A branch of chemistry that studies the reaction which takes place at the interface of an electronic conductor.
3. A reaction in which both oxidation and reduction are occurring.
4. Part of the female reproduction system, the embryo development takes place.
5. The pituitary hormone which facilitates child birth.
6. The product of fertilization.
7. The poisonous gas produced when coal is burnt in a closed room.
8. The mining of oil under sea.
9. A code, which enables blind persons to read and write.
10. The instrument that measures air pressure.

**4. Define the following:**

**2 x 5 = 10**

1. Hermaphrodite
2. Destructive Distillation
3. Carbonisation
4. Dispersion
5. Electrolysis

**5. Difference between the following pair (any three)**

**4 x 3 = 12**

1. Menarche and Menopause
2. External fertilization and Internal fertilization
3. Regular reflection and irregular reflection
4. Real Image and Virtual image

**6.(A) Write answer in short:**

**4 x 3 = 12**

1. State Faraday's first law of electrolysis.
2. What is natural gas? What are its component?
3. What are petro chemicals? Why are they so important?
4. What is an electrochemical reaction?

**(B) Give reasons for the following:**

**4 x 3 = 12**

1. Sportsmen use shoes with spikes.
2. Petroleum is also called 'Black Gold'.
3. Water must not be used on burning oil.
4. It is dangerous to touch a switch with wet hands.

**7. Give answer in detail (any two)**

**5 x 2 = 10**

1. Write in three points on the important life style that the adolescents should take care of.
2. Explain with diagram how coal formed in the earth.
3. What is friction? Explain the types of friction.

**8. Draw neat and labelled diagram of anyone:**

**4**

1. Destructive distillation of coal
2. Electric bell

evidyarthi