

**CBSE**  
**Previous year Paper**

**Class VIII**

**Science**

**Time: 3 hrs**

**Total Marks: 80**

**General Instructions:**

**1. The question paper consists of 24 questions.**

**2. All questions are compulsory.**

1. Name one synthetic material.
2. Name the largest cell organelle.
3. Why is tilling or ploughing done?
4. How can noise pollution be controlled? Write any two ways.
5. What is the greenhouse effect?
6. (a) Name one bacterial and one viral disease of cattle.  
(b) Give two preventive measures of the disease typhoid.
7. What are the properties of acrylic? Write its uses.
8. Complete these word equations.
  - (a) Non-metal + Oxygen  $\rightarrow$
  - (b) Metal + Oxygen  $\rightarrow$
  - (c) Metal + Water  $\rightarrow$
9. Consider a food chain:  
Plants  $\rightarrow$  Deer  $\rightarrow$  Lion  
and answer the following questions:
  - (a) What will happen if deer are removed from above food chain?
  - (b) What will happen if lion are removed from above food chain?
  - (c) Give two steps taken by the government of India to protect them.
10. What precautions should be taken by adolescents to stay healthy?

11. A person weights 63 kg. The area under one foot of the person is  $180 \text{ cm}^2$ . Find the pressure exerted on the ground by the person, when he is standing.
12. What will happen to friction if
- Weight of an objects is doubled?
  - Surface area of an object is doubled but the weight remains same?
  - Both weight and the surface area are doubled?
13. Draw a well labelled diagram to show deposition of copper on a given metallic object.
14. (a) An object 'A' repels 'B' but attracts 'C', 'C' repels 'D'. If 'D' is positively charged, what kind of charge does 'B' have? Give reasons to support your answer.
- (b) Write the scientific forms of the following.
- The trembling and shaking of the ground
  - Charges in motion
15. How do phases of moon occur? Support your answer with the help of diagrams.
16. Distinguish between plasma membrane and cell wall.
17. How is refining of petroleum carried out? Name the important products obtained.
18. Explain the different zones of a candle flame with the help of a diagram.
19. Why should reproductive health be maintained? How do you do that?
20. Describe an experiment to show that sound travels through liquids.
21. Explain the structure of the human eye. Draw a well labelled diagram in support of your answer.
22. Fill in the blanks:
- Noble gases are found in a \_\_\_\_\_ state/form.
  - \_\_\_\_\_ compounds are used as fertilisers.
  - The planet \_\_\_\_\_ rotates the farthest.
  - \_\_\_\_\_ is secreted by the ovaries and \_\_\_\_\_ is secreted by the testis.

23. Match the columns:

Column A	Column B
(a) Lubricants	(i) Reduces friction
(b) Cereal crop	(ii) Substances that reduce friction
(c) Streamlined body	(iii) Tea
(d) Rust of wheat	(iv) Estrogen
(e) Plantation crop	(v) Fungi
(f) Ovary	(vi) Maize

24. Multiple choice questions:

- (a) Which of the following is called black gold?
- (i) Diesel
  - (ii) Petroleum
  - (iii) Biogas
  - (iv) CNG
- (b) An example of a unicellular organism is
- (i) Amoeba
  - (ii) Leech
  - (iii) Grasshopper
  - (iv) All of these
- (c) A crop which is not a plantation crop is
- (i) Rubber
  - (ii) Coconut
  - (iii) Gram
  - (iv) Coffee
- (d) Amoebic dysentery is caused by
- (i) Cyanobacteria
  - (ii) Penicillium
  - (iii) Entamoeba
  - (iv) Trypanosoma
- (e) Which of the following is a parasitic protozoan?
- (i) Paramecium
  - (ii) Euglena
  - (iii) Trypanosoma

- (iv) Amoeba
- (f) The Red Data Book contains list of
  - (i) Exotic plants and animals.
  - (ii) Endangered plants.
  - (iii) Endangered plants and animals.
  - (iv) Extinct animals.
  
- (g) Hydra reproduces by
  - (i) Binary fission
  - (ii) Budding
  - (iii) Regeneration
  - (iv) None of these

© PRAADIS  
EDUCATION  
DO NOT COPY