

Science — real board questions: practice sheet

Every question is from a past Bihar Board board paper; the year is shown with each.

Section A: 20 MCQs × 1 mark

Section B: 16 questions

Answer key: last page

Section A — Multiple-choice questions

1. Which of the following is an oxidant ? [Bihar Board 2026]

- (A) H_2 (B) CO (C) O_3 (D) H_2S

2. Chemical formula of marble is [Bihar Board 2026]

- (A) $MgCO_3$ (B) CaO (C) $CaCO_3$ (D) $CuSO_4$

3. Which of the following is a non-metal ?

[Bihar Board 2026]

- (A) Fe (B) Al (C) C (D) Ag

4. The molecular formula of benzene is [Bihar Board 2026]

- (A) CH_4 (B) C_2H_2 (C) C_6H_6 (D) C_2H_4

5. How many periods are there in the periodic table ?

[Bihar Board 2026]

- (A) 5 (B) 6 (C) 7 (D) 8

6. The colour of plasma is [Bihar Board 2026]

- (A) green (B) red
(C) light yellow (D) none of these

7. The largest gland in the human body is [Bihar Board 2025]

- (A) Adrenal (B) Liver (C) Ovary (D) Pancreas

8. The seed develops from [Bihar Board 2026]

- (A) Ovule (B) Anther (C) Ovary (D) Stamen

9. The number of pairs of autosomes in human is

[Bihar Board 2024]

- (A) 24 (B) 23 (C) 11 (D) 22

10. The unit of refractive index is [Bihar Board 2026]

- (A) m/s (B) no unit (C) m (D) cm

11. The coloured part of the eye is [Bihar Board 2026]

- (A) Lens (B) Iris (C) Retina (D) Cornea

12. The SI unit of electric power is [Bihar Board 2026]

- (A) volt (B) watt (C) joule (D) coulomb

13. Who discovered the magnetic effect of electric current ? [Bihar Board 2026]

- (A) Oersted (B) Ampere (C) Bohr (D) Faraday

14. Which is used in solar cells ? [Bihar Board 2026]

- (A) Uranium (B) Plutonium
(C) Silicon (D) None of these

15. The molecular formula of ozone is [Bihar Board 2026]

- (A) O_4 (B) O_2 (C) O_3 (D) O_5

16. Which of the following is a natural resource ?

[Bihar Board 2025]

- (A) Soil (B) Water
(C) Air (D) All of these

17. Which of the following is slaked lime ?

[Bihar Board 2026]

- (A) CaO (B) $Ca(OH)_2$ (C) $CaCO_3$ (D) Ca

18. Which of the following is a salt ? [Bihar Board 2026]

- (A) HCl (B) NaOH (C) K_2SO_4 (D) NH_4OH

19. An ore of mercury is [Bihar Board 2026]

- (A) Bauxite (B) Haematite (C) Magnetite (D) Cinnabar

20. How many covalent bonds are there in methane ?

[Bihar Board 2026]

- (A) 2 (B) 4 (C) 6 (D) 8



Model answers to Section B, mark by mark — with Medha Ma'am on MedhaSetu:
medhasetu.com/bseb

Questions from the chapter pages on medhasetu.com, taken from Bihar Board's real papers. Key as per the board.

Science

Section B — Questions asked more than once (answer in your notebook)

21. Why is an aqueous solution of sodium carbonate alkaline ? [2024, 2025 · 2 marks]
22. What are minerals ? [2022, 2026 · 2 marks]
23. What is called ductility ? [2021, 2026 · 2 marks]
24. Why is sodium metal kept immersed in kerosene? [2022, 2025 · 2 marks]
25. Define respiration. [2021, 2025 · 2 marks]
26. Write four main characteristics of living beings. [2021, 2025 · 2 marks]
27. Why are some diabetic patients treated with insulin injections ? [2022, 2026 · 2 marks]
28. How is DNA the basis of heredity ? [2022, 2025 · 2 marks]
29. Write any two uses of concave mirror. [2022, 2026 · 2 marks]
30. Why is a concave lens called a diverging lens ? [2023, 2026 · 2 marks]
31. Why does the coin placed in water appear raised? [2021, 2025 · 2 marks]
32. What is defect of vision ? How many types of it are there ? [2022, 2023, 2026 · 2 marks]
33. What is farsightedness? [2021, 2025 · 2 marks]
34. Define the strength of electric current. [2021, 2026 · 2 marks]
35. What do you understand by electromagnetic induction? [2021, 2022, 2025 · 2 marks]
36. Mention the main functions of the human brain. [2022, 2026 · 5 marks]



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Science — Answer key — Section A

Teachers: for checking after a class test. Students: solve first, then compare.

1. C	2. C	3. C	4. C	5. C	6. C	7. B	8. A	9. D	10. B
11. B	12. B	13. A	14. C	15. C	16. D	17. B	18. C	19. D	20. B

Score: 1 mark per correct answer. Got one wrong? Go back to that chapter before ticking "Practised" on your tracker. Section B model answers — on MedhaSetu, with Medha Ma'am.



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