

Bihar Board Class 10 Science Question Paper(Memory Based)

Time Allowed :3 Hours

Maximum Marks :70

Total questions :37

General Instructions

Read the following instructions very carefully and strictly follow them:

1. Please check that this question paper contains 23 printed pages.
2. Q.P. Code given on the right hand side of the question paper should be written on the title page of the answer-book by the candidate.
3. Please check that this question paper contains 37 questions.
4. 15 minute time has been allotted to read this question paper. The question paper will be distributed at 10.15 a.m. From 10.15 a.m. to 10.30 a.m., the candidates will read the question paper only and will not write any answer on the answer-book during this period.

1. Volt (V) is equal to:

- (A) C/J
 - (B) J/C
 - (C) J/A
 - (D) A/J
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2. The rate of flow of electric charge is called:

- (A) Electric current
 - (B) Electromotive force
 - (C) Potential difference
 - (D) none of these
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3. Which of the following statements is true?

(A) joule = volt \times ampere

(B) joule = coulomb \times volt

(C) joule = $\frac{\text{ampere}}{\text{volt}}$

(D) joule = $\frac{\text{coulomb}}{\text{volt}}$

4. The functional group –CHO is called:

(A) ether group

(B) carbonyl group

(C) aldehydic group

(D) alcoholic group

5. Which of the following gases is formed on heating ethanol with concentrated H₂SO₄?

(A) CH₄

(B) C₂H₂

(C) C₂H₆

(D) C₂H₄

6. What are the laws of reflection and refraction?

7. Differentiate between real and virtual images.

8. Explain the causes and correction methods (with diagrams) for Hypermetropia (long-sightedness) and Myopia.

9. Learn the chemical differences between metals and non-metals.
