



B K BIRLA CENTRE FOR EDUCATION
SARALA BIRLA GROUP OF SCHOOLS
SENIOR SECONDARY | CO-ED DAY CUM BOYS' RESIDENTIAL SCHOOL



POST MIDTERM (2024-25)
SCIENCE

Duration: 1Hr
Max. Marks: 25

Class: VIII
Date: 11/01/'25

General Instructions:

- i. This question paper consists of 12 questions in 3 sections.
- ii. Section A consists of 3 objective type questions carrying 1 mark each.
- iii. Section B consists of 5 Very Short questions carrying 02 marks each.
- iv. Section C consists of 4 Short Answer type questions carrying 03 marks each.

SECTION-A

Select and write the most appropriate option out of the four options given for each of the questions 1 - 3.

1. Which of the following is not an electrolyte? 1
(a) Salt solution (b) Copper sulphate solution (c) Lemon juice (d) Oil
2. What is the minimum distance which a normal eye can see distinctly? 1
(a) 25 cm (b) 29 m (c) 250 mm (d) None of these

A statement of Assertion is given, and a corresponding statement of Reason is given just below it. Of the statements, given below, mark the correct answer as:

- (a) Both assertion and reason are true, and reason is the correct explanation of assertion.
 - (b) Both assertion and reason are true, but reason is not the correct explanation of assertion.
 - (c) Assertion is true, but reason is false.
 - (d) Assertion is false, but reason is true.
3. **Assertion:** In sexual reproduction, offspring are not identical to the parents or amongst themselves.
Reason: Sexual reproduction involves the fusion of male and female gametes. 1

SECTION B

Question No. 4 to 8 are very short answer questions

4. Draw neat and labelled diagram showing electrolysis of copper sulphate. 2
5. (a) Name the gases liberated at the electrodes during electrolysis of water. 2
(b) Name the positive and negative electrodes involved in the electrolysis process.

6. Calculate the number of images formed if the angle between two mirrors is: 2
(a) 90° (b) 60°
7. Explain the working of periscope with the help of diagram 2
8. Describe briefly the process of binary fission in Amoeba with diagram . 2

SECTION C

Question No. 9 to 12 are short answer questions

9. (a) Name the subatomic particles present in an atom. 1
(b) Define electroplating. Write any two uses of electroplating. 2
10. What is Myopia? How is it corrected? Draw the diagram for the correction of Myopia. 3
11. (a) Draw Neat labelled diagram of human female reproductive system 2
(b) What is fertilization? 1
12. Answer the following: 3
(a) Write a brief note on reproduction in Hydra.
(b) Differentiate between oviparous and viviparous animals.
(c) Differentiate between egg and sperm.

**** Best of luck****