



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



PERIODIC TEST-2 (2024-25)
SCIENCE

Class: VIII
Date: 09/12/'24

Duration: 1Hr
Max. Marks: 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.
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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 a combustible substance? 1
(a) Cement (b) Marble (c) Cotton cloth (d) Brick

2. S.I unit of frequency is: 1
(a) Hz (b) Kg (c) g (d) None of these

3. The three cell theories were given by _____ scientists. 1
(a) Schwann, Schleiden and Virchow
(b) Robert hooke, Robert koch And Robert brown
(c) Schwann, Robert koch and Virchow
(d) None of the above

SECTION B

Question No. 4 to 8 are very short answer questions

4. Draw neat and labelled diagram of soda-acid fire extinguisher. 2

5. What are the conditions necessary for combustion to take place? 2

6. What is noise pollution? Mention the health hazards of noise pollution. 2

7. A simple pendulum completes 420 oscillations in 2 minutes. Calculate its frequency. 2

8. Justify the statement, Lysosomes are called “suicidal bags” 2

SECTION C

Question No. 9 to 12 are short answer questions

9. (a) Define fuel. Classify the fuels on the basis of their use. 3
(b) Name a few harmful gases that are released when fuel is burnt.
10. What does SONAR stands for? Explain the working of SONAR with the help of diagram. 3
11. Differentiate between Plant cell and animal cell . 3
12. (a) Draw a neat labelled diagram of Nucleus . 3
(b) Based on the type of nucleus differentiate Prokaryotic cells from Eukaryotic cells.

**** Best of luck*****