



# BK 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: VII

Date: 03/12/24

#### General Instructions:

Duration: 1Hr

Max. Marks: 25

- 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 among the following is a physical change? 1  
(a) Burning      (b) Cutting      (c) Ripening      (d) Cooking
  
2. Which of the following examples does not show periodic motion? 1  
(a) Motion of a butterfly      (b) Hands of a clock  
(c) Rotation of the Earth      (d) Strings of a sitar
  
3. \_\_\_\_\_ is the unit of human excretory system. 1  
(a) Nephridia      (b) Neuron      (c) Nephron      (d) None of these

#### SECTION B

**Question No. 4 to 8 are very short answer questions**

4. Name the chemical formula of the following compounds. 2  
(a) Baking soda

(b) Silver chloride

5. What is rusting? Give various methods for prevention of rusting. 2
6. Explain the working of sundial with the help of diagram. 2
7. What would be the speed of a car if it covers a distance of 400 km in 5 hours? 2
8. a. certain greenish-blue lines appear just below the skin of our hands and legs. What are these and what flows in them? 1
- b. Define: Cardiac cycle. 1

### SECTION C

#### Question No. 9 to 12 are short answer questions

9. (a) Complete the following reactions. 3
- (i)  $\text{CuSO}_4 + \text{Fe} \rightarrow \underline{\hspace{2cm}} + \underline{\hspace{2cm}}$
- (ii)  $\text{Mg} + \text{O}_2 \rightarrow \underline{\hspace{2cm}}$
- (b) Classify the following changes as physical or chemical:
- (i) melting of ice \_\_\_\_\_
- (ii) Milk changing to curd \_\_\_\_\_
10. What is uniform motion? Draw the graphs for the following: 3
- (a) Uniform motion
- (b) Non uniform motion
11. Describe the internal parts of the human heart. 3
12. Mention the cells present in blood and write their importance in the human body. 3

OR

What is excretion? Draw neat labeled diagrams of the human excretory system.

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