



B.K. BIRLA CENTRE FOR EDUCATION

SARALA BIRLA GROUP OF SCHOOLS
A CBSE DAY-CUM-BOYS' RESIDENTIAL SCHOOL

PRE MID TERM 2026-27 SCIENCE (SET-2)

Class: VII
Date: 22/07/26

Time: 1 hours
Max Marks: 25

General Instructions:

- (i) This question paper consists of 13 questions in 3 sections. Section A is Biology, Section B is Chemistry and Section C is Physics.
(ii) All questions are compulsory.

Marks

Section-A (Biology)

- 1 Which of the following is NOT a secondary sexual characteristic in males? 1
(a) Growth of facial hair (b) Broadening of shoulders
(c) Widening of hips (d) Deepening of voice
- 2 Puberty involves _____. 1
(a) only physical changes
(b) physical and emotional changes
(c) emotional and mental changes
(d) physical, emotional, and mental changes
- 3 Why do adolescents sometimes experience mood swings? 2
- 4 What is the difference between adolescence and puberty? 2
- 5 Identify each statement as a myth or a fact. Give a reason for your choice. 3

Statement	Myth/Fact	Reason
(a) Girls and women should not cook food during menstruation.		
(b) Menstruation is a natural biological process.		
(c) Girls should not take a bath during menstruation.		

Section-B (Chemistry)

- 6 **What happens when blue litmus paper is dipped in an acid?** 1
A. It turns red.
B. It turns blue.
C. It becomes green.
D. No change occurs.
- 7 **Which of the following is used to identify acids and bases?** 1
A. Salt
B. Sugar
C. Litmus paper
D. Sand
- 8 **What are neutral substances? Name any three neutral substances and explain why they are called neutral** 3
- 9 **Explain the effect of acids and bases on red and blue litmus paper with suitable examples.** 3

Section-C (Physics)

- 10 **Which material is a better conductor of heat?** 1
A. copper B. wood C. Plastic D. None of these
- 11 **Draw and label a simple diagram showing conduction in a metal rod.** 2
- 12 **What is heat? In which direction does heat flow naturally?** 2
- 13 **State difference between conductors and insulators.** 3

*****ALL THE BEST*****