



BAL BHARATI PUBLIC SCHOOL

COMMON ANNUAL EXAMINATION (2024-2025) SYLLABUS

CLASS: VII

SUBJECT: SCIENCE

TEXTBOOKS : 1. Science Textbook for Class -VII- NCERT Publication

2. Science Exemplar problems for Class -VII, NCERT publication.

S.NO.	UNIT/CHAPTER /TOPIC	SUBTOPICS	WEIGHTAGE
1	Chapter 4: Acids, Bases and Salts (Term-1)	4.1 Acid and Bases 4.2 Natural Indicators around us 4.3 Neutralization 4.4 Neutralization in Everyday life	06
2	Chapter 5: Physical and Chemical Changes (Term-1)	5.1 Physical Changes 5.2 Chemical Changes 5.3 Rusting of Iron 5.4 Crystallization	04
3	Chapter 6: Respiration in Organisms	6.1 Why do we breathe? 6.2 Breathing 6.3 How do we breathe? 6.4 What do we breathe out? 6.5 Breathing in other animals. 6.6 Breathing Under water. 6.6 Do plants also respire?	08
4	Chapter 7: Transportation in Animals and Plants	7.1 Circulatory System 7.2 Excretion in animals 7.3 Transport of Substances in Plants	08
5	Chapter 8: Reproduction in Plants	8.1 Modes of Reproduction 8.2 Sexual Reproduction 8.3 Fruits and Seed Formation 8.4 Seed Dispersal	08
6	Chapter 9: Motion and Time	9.1 Slow or Fast 9.2 Speed 9.3 Measurement of Time 9.4 Measuring Speed 9.5 Distance -Time Graph	06
7	Chapter 10: Electric Current and its Effects	10.1 Symbols of Electric Components 10.2 Heating Effect of Electric Current 10.3 Magnetic Effect of Electric Current 10.4 Electro Magnet 10.5 Electric Bell	08
8	Chapter 11: Light	11.1 Light Travels along a straight line 11.2 Reflection of Light 11.3 Right or Left 11.4 Playing with spherical mirrors 11.5 Images formed by Spherical Lenses 11.6 Sunlight -White or Colored?	08
9	Chapter 13: Waste Water Story	13.1 Water our Lifeline 13.2 What is Sewage	04

		13.3 Water freshens up-An eventful Journey 13.4 Waste water Treatment Plant (WWTP) 13.5 Better Housekeeping Practices 13.6 Sanitation and diseases 13.7 Alternative Arrangement for Sewage Disposal 13.8 Sanitation at Public Places	
		TOTAL MARKS	=60

NOTE: Chapter 12-FOREST: OUR LIFELINE of Term II is not assessed by pen and paper test. Multiple Assessment activities are taken up.

❖ **THEORY (Pen and Paper Test):60 marks**

INTERNAL ASSESSMENT:40 marks