

KENDRIYA VIDYALAYA SANGATHAN, MUMBAI REGION
PERIODIC TEST III (2018-19) CLASS – X Sub : SCIENCE

Time : 3 Hours

BLUE PRINT

Max. Marks: 80

Ch. No.	Units / Types of Questions	VSA 1marks	SA-I 2marks	SA-II 3 marks	LA 5marks	PBQ 2 marks	Q (M)	TOTAL 80 marks Q (M)
	Unit -1 - CHEMICAL SUBSTANCES- NATURE AND BEHAVIOUR							
1	CHEMICAL REACTIONS AND EQUATIONS		1(2)				1(2)	9 (25)
2	ACIDS, BASES AND SALTS	1(1)		1(3)		1(2)	3(6)	
3	METALS AND NON-METALS				1(5)	1(2)	2(7)	
4	CARBONS AND ITS COMPOUNDS		1(2)	1(3)			2(5)	
5	PERIODIC CLASSIFICATION OF ELEMENTS				1(5)		1(5)	
	Unit -2 -WORLD OF LIVING							
6	LIFE PROCESSES				1(5)	1(2)	2(7)	7 (23)
7	CONTROL AND COORDINATION			1(3)			1(3)	
8	HOW DO ORGANISMS REPRODUCE			1(3)	1(5)	1(2)	3(10)	
9	HEREDITY AND EVOLUTION			1(3)			1(3)	
	Unit - III - NATURAL PHENOMENON							
10	LIGHT – REFLECTION AND REFRACTION			1(3)		1(2)	2(5)	4(12)
11	HUMAN EYE AND COLORFUL WORLD		1(2)		1(5)		2(7)	
	UNIT IV: EFFECTS OF CURRENT							
12	ELECTRICITY			1(3)		1(2)	2(5)	4(13)
13	MAGNETIC EFFECTS OF ELECTRIC CURRENT			1(3)	1(5)		2(8)	
	UNIT V: NATURAL RESOURCES							
14	OUR ENVIRONMENT			1(3)			1(3)	1 (7)
15	SOURCES OF ENERGY	1(1)					1(1)	
16	MANAGEMENT OF NATURAL RESOURCES			1(3)			1(3)	
	TOTAL	2(2)	3 (6)	10(30)	6 (30)	6(12)		27 (80)

*Q(M) – No. of questions (Marks each)

*PBQ – Practical based Questions

- This Question paper contains 27 questions and comprises of five sections – A, B, C, D and E.
 - All questions are compulsory. Internal choice is given in sections B, C, D and E.
 - There is an internal choice in one question of two marks in section B, in three questions of three marks in section C and three question of five marks in section D and in two question of two marks in section E.
 - Question numbers 1 and 2 in Section-A are one mark questions. They are to be answered in one word or in one sentence.
 - Question numbers 3 to 5 in Section- B are two marks questions. These are to be answered in about 30 words each.
 - Question numbers 6 to 15 in Section-C are three marks questions. These are to be answered in about 50 words each.
 - Question numbers 16 to 21 in Section-D are 5 marks questions. These are to be answered in about 70 words each.
- Question numbers 22 to 27 in Section- E are based on Practical skills. Each question is a two marks question. These are to be answered in brief.

CBSE 2018 -19

Class 10th Science Blueprint 2018-2019

Question Paper Unit Details		
Unit No.	Unit Name	Total marks
1	Chemical Substances-Nature and Behaviour	25
2	World of Living	23
3	Natural Phenomena	12
4	Effects of Current	13
5	Natural resources	07
Total Marks (Theory)		80
Internal assessment		20
Grand Total		100

Class 10th Science Marking Scheme 2018-2019		
Description of questions	No. of questions	Total marks
1 mark questions (VSA)	2	2
2 marks questions (SA-I)	3	6
3 marks questions (SA-II)	10	30
5 marks questions (LA)	6	30