

Course Structure with Examination Guideline

Class – IX

Session - 2019-20

Subject : Physics & Chemistry

Test / Examination

Chapter

Half-yearly Examination

Chapter-1, Matter in Our Surrounding

(আমাদের চারপাশের পদার্থ)

Chapter - 2, Is Matter around us pure ?

(আমাদের চারপাশের পদার্থ কি বিশুদ্ধ?)

Chapter - 3, Atoms and Molecules

(পরমাণু ও অণু)

Chapter - 8, Motion (গতি)

Chapter - 9, Force and Laws of Motion

(বল ও গতির সূত্রাবলী)

Annual Examination

Chapter - 1, Matter in our Surrounding

(আমাদের চারপাশের পদার্থ)

Chapter - 2, Is matter around us pure ?

(আমাদের চারপাশের পদার্থ কি বিশুদ্ধ?)

Chapter - 3, Atoms and Molecules

(পরমাণু ও অণু)

Chapter - 4, Structure of the Atom

(পরমাণুর গঠন)

Chapter - 8, Motion (গতি)

Chapter - 9, Force and Laws of Motion

(বল ও গতির সূত্রাবলী)

Chapter - 10, Gravitation (মহাকর্ষ)

Chapter - 11, Work and Energy (কার্য ও শক্তি)

Chapter - 12, Sound (শব্দ)

Chapter - 14, Natural Resource

(প্রাকৃতিক সম্পদ)

Design of Question Paper

Physics & Chemistry

Time : 2 hours

F.M. - 56

Weightage to form of Questions

Sl. No.	Form of Question	Marks of each question	No. of Question	Total Marks
1.	Very short answer (VSA) অতি সংক্ষিপ্ত উত্তরধর্মী	1	15	15
2.	Short Answer (SA) সংক্ষিপ্ত উত্তরধর্মী	3	7	21
3.	Long Answer (LA) দীর্ঘ উত্তরধর্মী	5	4	20
	Total (মোট)		26	56

Blue Print of Question paper of Class - IX

(Annual Examination)

Subject : Physics and Chemistry

Unit No.	Unit	Chapters	Marks	Total marks
I	Matter - its Nature and Behaviour	Matter in our surrounding	04	
		Is matter around us pure ?	05	
		Atoms and molecule	07	
		Structure of the atom	07	23
II	Motion force and work	Motion	05	
		Force and laws of motion	05	
		Gravitation	07	
		Work and Energy	05	27
		Sound	05	
III	Our Environment	Natural Resources	06	06
	Total Marks			56

**Marks Distribution for
Framing of Question Paper**

Sl. No.	Name of Chapter	VSA 1 mark	SA 3 mark	LA 5 marks	Total
1.	Matter in our surrounding	1	1		4
2.	Is matter around us Pure ?	2	1		5
3.	Atoms and molecule	2		1	7
4.	Structure of the atom	2		1	7
5.	Motion	2	1		5
6.	Force and laws of motion			1	5
7.	Gravitation	4	1		7
8.	Work and Energy	2	1		5
9.	Sound			1	5
10.	Natural Resources		2		6
	Total	15x1=15	7x3=21	4x5=20	56

Blue Print of Question Paper of Class – IX

(Half-yearly Examination)

Subject : Physics and Chemistry

Unit No.	Unit	Chapters	Marks	Total Marks	
1.	Matter its Nature and behaviour	Matter in our surrounding Is matter around us pure ? Atoms and molecule	09 10 10	1 x 7 3 x 4 5 x 2	29
2.	Motion force and work	Motion Force and laws of motion	10 17	1 x 8 3 x 3 5 x 2	27
				56	