

Manipur Board Class 10 Science Syllabus

SCIENCE - X

Chapter No	CHAPTER NUMBER	Deleted Portion / Chapter	Periods	Marks
1.	PERIODIC CLASSIFICATION OF ELEMENTS	Early attempts at the classification of elements-Lavoisier's classification, Dobereiner's law of triads, Newland's law of octaves.	4	7
2.	CHEMICAL BONDING	Co-ordinate or dative bond, formation of ozone, hydronium ion and ammonium ion, do covalent bonds show partial character	4	
3.	ACIDS, BASES AND SALTS	Does the dissolution of acids and alkalis in water involve heat change?, hydrolysis of salts in water.	4	7
4.	TYPES OF CHEMICAL REACTIONS	Physical changes, chemical changes, chemical reaction, chemical equation, reactants, products, exothermic and endothermic reactions, respiration is an exothermic process, decomposition reactions are endothermic reactions, neutralisation reaction, oxidation-reduction in everyday life, rancidity, slow and fast reactions, moderately fast reaction.	5	
5.	METALS AND NON METALS	Metals, non-metals, metalloids, physical properties of metals and non-metals, some exceptions to general trends extraction of metals of high reactivity, alloys and amalgam, some common alloys.	5	5
6.	CARBON AND ITS COMPOUNDS	Nomenclature of carbon compounds- word root, primary suffix, secondary suffix, prefix(primary prefix and secondary prefix), chemical properties of carbon compounds- combustion, oxidation, addition reaction, substitution reaction, properties of ethanol, vinegar,	5	7
7.	MATERIALS OF COMMON USE	The ammonia soda or solvay process, soaps and detergents.	4	
8.	ELECTRICITY	No Deletion	10	8
9.	MAGNETISM	No Deletion	9	7
10.	ELECTROMAGNETIC INDUCTION	Deleted - 10.2 Electric Generator, 10.3 Domestic Electric Circuits, 10.4 Hazards of Electricity and Precautions 10.5 – Electric Power Plants	6	5
11.	LIGHT	Deleted – 11.5 Human Eye and Defects of Vision, 11.6 Dispersion of Light, 11.7 Phenomena caused by refraction in Atmosphere	8	6
12.	SOURCES OF ENERGY	Deleted - Whole Chapter	0	0
13.	LIFE PROCESSES	No Deletion	8	7
14.	CONTROL AND COORDINATION IN LIVING THINGS	Deleted – 14.1.3 Conditioned Reflexes, 14.2.1 – Immediate Response to stimuli, 14.2.2 – Movement due to growth, 14.2.5 – Apical Dominance	5	2
15.	REPRODUCTION	No Deletion	5	4

16.	HEREDITARY AND EVOLUTION	Deleted – Mendel's 2 nd law of Inheritance(Di hybrid cross), 16.2 – The origin of life, 16.3.6 – Homologous and Analogous Organs, 16.4 – Human Evolution	4	3
17.	OUR ENVIRONMENT	No Deletion	5	5
18.	NATURAL RESOURCES	Deleted – 18.1.8 – Forest (Conservation) Act, 1980	5	5
19.	THE REGIONAL ENVIRONMENT	Deleted – 19.1.2 Limitations – Environmental Problems	4	2
			100	80

Notes :

- Deleted - Whole Chapter (the whole chapter will not be covered and will not be assessed)
- Deleted – The sub concepts and all contents in the sub-concept e.g proof, examples, activities, exercises , working, illustration etc. will not be covered and will not be assessed.
- No deletion – The whole contents of the Unit / Chapter will remain as ever and will be assessed.

