

**BLUEPRINT FOR PERIODIC TEST-II & ANNUAL EXAM****Class- IX & X (2018-19)****Time: 3 Hours****Subject: Science****Max. Marks: 80**

S. No.	Typology of Questions	Very Short Answer (VSA) 1 Mark	Short Answer -I (SAI) 2 Marks	Short Answer -II (SAII) 3 Marks	Long Answer (LA) 5 Marks	Total Marks	% Weight age
1	<b>Remembering</b> (Knowledge based simple recall questions, to know specific facts, terms, concepts, principles, or theories, Identify, define or recite, information)	2	-	1	1	10	15%
2	<b>Understanding</b> (Comprehension - to be familiar with meaning and to understand conceptually, interpret, compare, contrast, explain, paraphrase, or interpret information)	-	1	4	2	24	35%
3	<b>Application</b> (Use abstract information in concrete situation, to apply knowledge to new situations, use given content to interpret a situation, provide an example, or solve a problem)	-	1	2	2	18	26%
4	<b>High Order Thinking Skills</b> (Analysis & Synthesis - Classify, compare, contrast, or differentiate between different pieces of information, Organize and/or integrate unique pieces of information from a variety of sources)	-	-	1	1	8	12%
5	<b>Inferential and Evaluative</b> (Appraise, judge, and/or justify the value or worth of a decision or outcome, or to predict outcomes based on values)	-	1	2	-	8	12%
	<b>Total (Theory Based Questions)</b>	<b>2x1=2</b>	<b>3x2=6</b>	<b>10x3=30</b>	<b>6x5=30</b>	<b>68(21)</b>	<b>100%</b>
	<b>Practical Based Questions (PBQs)</b>		<b>6x2=12</b>	-	-	<b>12(6)</b>	
	<b>Total</b>	<b>2x1=2</b>	<b>9x2=18</b>	<b>10x3=30</b>	<b>6x5=30</b>	<b>80(27)</b>	

1. Question paper will consist of 27 questions.
2. All questions would be compulsory. However, an internal choice will be provided in three questions of 3 marks each, two questions of 5 marks each and one question (for assessing the practical skills) of 2 marks.

ATOMIC ENERGY EDUCATION SOCIETY, MUMBAI

Subject : Science

**COURSE STRUCTURE CLASS X**

**(Annual Examination)**

Subject : Science

**Marks: 80**

<b>Unit No.</b>	<b>Unit</b>	<b>Marks</b>
I	Chemical Substances-Nature and Behaviour	25
II	World of Living	23
III	Natural Phenomena	12
IV	Effects of Current	13
V	Natural Resources	07
	<b>Total</b>	<b>80</b>
	<b>Internal assessment</b>	<b>20</b>
	<b>Grand Total</b>	<b>100</b>

Note: Above weightage includes the weightage of questions based on practical skills.

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	<b>Practical Based Questions (PBQs)</b>		<b>6x2=12</b>	-	-	<b>12(6)</b>	
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