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## DESIGN OF QUESTION PAPER SAMPLE QUESTION PAPER X - SCIENCE (THEORY)

Time : 2½ Hours

Max. Marks : 60

The weightage to marks over different dimensions of the question paper shall be as under:

### A. Weightage to Content/Subject units

S.No	Content Unit	Marks
1.	Chemical Substances	18
2.	World of living	16
3.	Effects of current	10
4.	Light	8
5.	Natural Resources	8

**Total 60**

### B. Weightage to forms of Questions

S.No.	Form of Questions	Marks for each question	No. of questions	Total Marks
1.	Very short answer type (VSA)	01	09	09
2.	Short answer type (SA I)	02	09	18
3.	Short answer type (SA II)	03	06	18
4.	Long answer type (LA)	05	03	15

Total 27

60

### C. Number of Sections

The question paper will have two sections A & B

### D. Scheme of Options

There will be no overall choice. However, there is an internal choice in every question of five marks category.

### **E. Weightage to difficulty level of questions**

<b>S.No.</b>	<b>Estimated difficulty level of questions</b>	<b>Percentage</b>
1.	Easy	15
2.	Average	70
3.	Difficult	15

### **F. Typology of Questions**

In order to assess different abilities related to the subject, the question paper includes open-ended questions, drawing/illustrations based questions, communication-skill based questions and activity-based questions.

**About 20% weightage has been assigned to questions testing higher order thinking skills of learners.**

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