

# QUESTION PAPER DESIGN

**Subject: Environmental Science**

**Class: Sr. Secondary**

**Marks: 80**

**Duration: 3 hours**

## 1. Weightage by Objectives

OBJECTIVES	Marks	% of the Total Marks
Knowledge	22	27
Understanding	38	48
Application & Skill	20	20
<b>Total</b>	<b>80</b>	<b>100</b>

## 2. Weightage to Forms of Questions

Forms of Questions	No. of Questions		Total	Marks		Total
	Core	Optional		Core	Optional	
Objective Type (I ) –1 (1 Marks MCQs)	13	03	16	13	03	16
Objective Type (II) 1/ 2 i. 1*2=2 marks (with two sub parts) ii. (VSA, One word, Fill in the blanks T/F)	01*2 + 04	03	08	21	03	24
Short Answer1(SA1)– 2	08	03	11	16	06	22
Long Answer1(LA1) – 4	02	-	02	08	-	08
Long Answer2(LA2)– 5	02		02	10	-	10
<b>Total</b>	<b>30</b>	<b>09</b>	<b>39</b>	<b>68</b>	<b>12</b>	<b>80</b>

## Weightage to Content Areas

Unit/Sub-Unit (Modules)	Marks
1.Environment through Ages	05
2.Ecological Concepts and Issues	12
3.Human Impact on Environment	07
4.Contemporary Environmental Issues	15
5.Environmental Conservation	14
6.Sustainable Development	07
7.Environmental Management	08
8A Water Resource Management Or 8B-Energy and Environment	12 <b>Or</b> 12
<b>Total</b>	<b>80</b>

## 3. Difficulty level of Question Paper

Level	Marks	% of marks given
Difficult	20	25
Average	38	48
Easy	22	27
<b>Total</b>	<b>80</b>	<b>100</b>

- Internal Choice is being given in SA1 (11+5 questions), LA1(3questions) and LA2 (3questions) i.e 5 in SA1 (3 in Core Module and 2 in Optional Module), 1 in LA1 and 1 in LA2 respectively.