

## QUESTION PAPER DESIGN

**Subject : Biology**

**Level: Senior Secondary**

**Maximum Marks (Theory): 80**

**Time: 3 Hours**

### 1. Weightage by Objectives

OBJECTIVES	% OF TOTAL MARKS	MARKS
KNOWLEDGE	25%	20
UNDERSTANDING	45%	36
APPLICATION & Skills	30%	24
	<b>100%</b>	<b>80</b>

### 2. Weightage by type of Questions

Sl. No.	Type of Question	No. of questions	Marks
1.	Long Answer (LA) (5 marks)	2	10
2.	Short Answer (SA) (3 marks)	4	12
3.	Very Short Answer (2 marks)	9	18
	Total	15	40
4.	MCQ (1 mark) #	16	16
5.	Objective Type Questions (1*2 = 2 marks) ## (with 2 sub-parts of 1 mark each) [Fill in the blanks, match the column, paragraph or case-based questions, one-word questions, Flow Chart, Diagram Based, etc.]	12	24
	Total	28	40
	G. Total	43	80

In Objective Type Questions of 1 mark: 8 Questions will have internal choices.

## In Objective Type Questions of 2 marks: 6 Questions will have 4 sub-parts out of which the learner has to do any 2 sub-parts.

In subjective questions: 4 Questions of 2 marks (VSA), 2 Questions of 3 marks (SA), 2 Questions of 5 marks (LA) will have internal choices.

### 3. Difficulty Level of the Question Paper

Types of question	Marks	Percentage of marks
Estimated Level	16	20
Difficulty	40	50
Average	24	30

### 4. Weightage by Contents

Modules	Marks
1. Diversity and Evolution of Life	12
2. Form and function of plants and animals	26
3. Reproduction and Heredity	22
4. Environment & Health	13
5. Emerging Areas in Biology	7
Total	80