

QUESTION PAPER DESIGN

SCIENCE AND TECHNOLOGY (212)

Maximum Marks (Theory): 85

Time: 2½ Hours

1. Weightage by Objectives

Weightage by Objectives	% of Total Marks	Total Marks
Knowledge	30%	26
Understanding	45%	38
Application	15%	13
Skills	10%	8
	100%	85

2. Weightage by type of Questions:

Types of question	No. of questions	Marks per question	Total marks
MCQ (1 mark)	17	1	17
Objective Type Questions (1*2 = 2 marks) (with 2 sub-parts of 1 mark each)	10	2	20
Objective Type Questions (1*5=5 marks) (with 5 sub-parts of 1 mark each)	1	5	5
Total	28		42
VSA	6	2	12
SA	7	3	21
LA	2	5	10
Total	15		43
G. Total	43		85

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

3. Weightage by Contents

Modules		Marks
1.	Module 1: Measurement in Science	04
2.	Module 2: Matter in our Surroundings	22
3.	Module 3: Moving Things	07
4.	Module 4: Energy	15
5.	Module 5: The Living World	15
6.	Module 6: Natural Resources	10
7.	Module 7: Humans and Environment	12

4. Difficulty Level of the Question Paper

LEVEL	MARKS	PERCENTAGE
Difficult	17	20
Average	43	50
Easy	25	30
	85	100%