

MATHEMATICS CLASS VII

I.WEIGHTAGE TO LEARNING OBJECTIVE :

OBJECTIVES	KNOWLEDGE/UNDERSTANDING	APPLICATION/HOTS	SKILLS	TOTAL
MARKS	40	22	8	70

2.WEAGHTAGE TO FORM QUESTIONS:

FORM QUESTIONS	MCQ/AR	CASE STUDY BASED QUESTION	SA-I	SA-2	LA	TOTAL
NO. OF QUESTIONS	10 + 2(AR)	2	6	6	4	30
MARKS	12	8	12	18	20	70

3. SCHEME OF SECTIONS :-

PART (A): (IT HAS TWO SUB SECTIONS)

SECTION I : (MCQ/AR) : 10 (MCQ)+2(AR)Questions : 1 mark each

SECTION II : CASE STUDY BASED QUESTIONS : 2 Questions 4 mark each

***(Each having 3 subparts as 1+1+2 MCQ)**

PART (B) : (IT HAS THREE SUBSECTIONS)

SECTION III: SHORT ANSWER TYPE I : 6 Questions Of 2 marks each

SECTION IV : SHORT ANSWER TYPE II : 6 Questions of 3 marks each

SECTIONS V : LONG ANSWER TYPE V : 4 Questions of 5 marks each

4. WEIGHTAGE TO DIFFICULTY LEVEL :

(I) DIFFICULT QUESTIONS : 16 MARKS (20%)

(II) AVERAGE QUESTIONS : 48 MARKS (60%)

(III)EASY QUESTIONS : 16 MARKS (20%)

SCHEME OF OPTIONS : NO OVER ALL OPTION, ONLY INTERNAL CHOICES IN 6 QUESTIONS

PART A :

EACH CASE STUDY BASED QUESTION THERE IS CHOICE IN 2 MARKS QUESTION .

PART B:

TWO QUESTIONS IN SECTION III

TWO QUESTIONS IN SECTION IV

TWO QUESTION IN SECTION V

WEIGHTAGE OF DIFFICULTY LEVEL

DIFFUCLT QUESTION 16 MARKS 20%

AVERAGE QUESTION 48 MARKS 60%

EASY QUESTIONS 16 MARKS 20%

Abbreviation Used:

HOTS: Higher Order Thinking Skills AR: Assertion- Reasoning

CBQ : Case Base Study SA1 : Short Answer Type 1

MCQ: Multiple Choice Question SA2 : Short Answer Type 2

LA : Long Answer Type

TERM-I EXAMINATION 2024-25

UNIT / CHAPTER	MCQ	A/ R	Case study based (1 + 1 + 2) Marks	SA1 2Marks	SA2 3 Marks	LA 5Marks	TOTAL
1. Rational Numbers	2 (1)	-	1(4)	1(2)	1(3)	-	5(11)
2.Operations on Rational Numbers	2 (1)	-	-	1(2)	1(3)	1(5)	5(12)
3. Rational numbers as Decimals	1(1)	1(1)	-	-	1(3)	1(5)	4(10)
4. Exponents and Powers	1(1)	-	-	2(2)	1(3)	1(5)	5(13)
8. Triangle and its Properties	1(1)	-	1(4)	1(2)	1(3)	-	4(10)
13. Symmetry	1(1)	1(1)	-	-	-	1(5)	3(7)
14. Visualising Solids	2(1)	-	-	1(2)	1(3)	-	4(7)
Total	10(10)	2(2)	2(8)	6(12)	6(18)	4(20)	30(70)