SECTION –A (MULTIPLE CHOICE QUESTIONS)

1.	Which pair of numbers is safe for keeping treasures? a) 15,39 b) 20,55 c) 8,15 d) 18, 28
2.	What is the remainder obtained when 3062 is divisible by 4? a) 1 b) 2 c) 3 d) 4
3.	Assertion (A) – The factors of 34 are 1, 2, 17 and 34 itself Reason (R) – every factor is less than or equal to the given number. a) Both A and R are true and R is the correct explanation of A b) Both A and R are true but R is not the correct explanation of A c) A is true but R is false d) A is false but R is true

SECTION – B(2 MARKS QUESTIONS)

4.	28 is a perfect number. Justify the statement.
5.	Use prime factorisation to find if first number is divisible by second number: 242 and 12

SECTION – C (3 MARKS QUESTIONS)

6.	Are 242 and 195 Co-prime?
7.	Find common factors of 24,36 and 48

SECTION – D (5 MARKS QUESTIONS)

8.	Check whether the following number is divisible by 2, 4, 5, 8 and 10: 58732755
9.	Find the smallest number that is a multiple of all the numbers from 4 to 12 except 5.

SECTION – E (CASE STUDY)

10.	Jumpy and Grumpy were playing a game for keeping the treasure safe on the number line. Grumpy placed treasure on number 48.
	     a) With jump sizes should be chosen by Jumpy to reach the treasure?
	     b) What do we call the jump sizes obtained in previous question?
	     c) If Grumpy places treasure on 7 and 18, then what would be the appropriate jump size used by Jumpy?