

# WINTER BREAK HOLIDAYS HOMEWORK

## CLASS- VII

### PT II

[1] REVISE ALL CHAPTERS AND EXERCISES FROM CHAPTER- 10 TO 12.

[2] WRITE ALL FORMULAS FOR AREA OF SQUARE ,RECTANGLE,PARALLEGRAM, TRIANGLE, CIRCLE AND DO FIVE EXAMPLES ON THESE.

[3] DRAW DIFFERENT TYPES OF TRIANGLES USING COMPASSES AND RULAR LENGTH OF SIDES AND ANGLES IS TAKEN BY YOUR OWN CHOICE.

[1] EQUILATERAL TRIANGLE

[2] ISOSCELES TRIANGLE

[3] RIGHT TRIANGLE

[4] SCALENE TRIANGLE.

[4]WRITE DEFINITIONS OF VARIABLES

,CONSTANTS,ALGEBRAIC EXPRESSIONS,TERMS

,FACTOR.MAKE 5 ALGEBRAIC EXPRESSIONS.DO FIVE

EXAMPLES OF ADDITION AND SUBTRACTION OF ALGEBRAIC EXPRESSIONS.

## CLASS –VIII [A+B]

### PT II

[1] REVISE ALL EXAMPLES AND EXERCISES FROM CHAPTER -9 TO 13 .

[2] VERIFY EULER'S FORMULA FOR CUBOID ,TRIANGULAR PYRAMID,TRIANGULAR PRISM,PYRAMID WITH SQUARE BASE AND PRISM WITH SQUARE BASE IN YOUR FILE.

[3] WRITE ALL ALGEBRAIC IDENTITIES AND DO FIVE EXAMPLES BASED ON THESE IDENTITIES .

[4] WRITE ALL THE FORMULAS FOR SURFACE AREA AND VOLUME OF CUBE,CUBOID,AND CYLINDER AND DO FIVE EXAMPLES BASED ON THESE DERIVATION THE FORMULAS IN YOUR FILE .

[5] WRITE ALL LAWS OF EXPONENTS .TAKE 5 EXAMPLES ON DIRECT AND INVERSE PROPORTION OF YOUR OWN AND SOLVE THEM.

# CLASS-IX B

## PT III

[1] REVISE ALL EXAMPLES AND EXERCISES FROM CHAPTER- 1 TO 13.

[2] DO ALL QUESTIONS GIVEN IN ASSIGNMENT .

[3] WRITE THE DERIVATION OF SURFACE AREA OF CUBE,CUBOID ,CYLINDER,CONE IN YOUR FILE.

[4] WRITE ALL THEOREMS FROM CHAPTER- 6,7,8,9,10 AND LEARN THEM.

[5] WRITE ALL ALGEBRAIC IDENTITIES AND DO FIVE EXAMPLES ON THESE.

[6] WRITE LAWS OF EXPONENTS ,EUCLID'S AXIOM AND POSTULATES AND LEARN THEM.

[7] DRAW 5 GRAPH OF LINEAR EQUATIONS IN TWO VARIABLES BY TAKING YOUR OWN PROBLEMS.