**SYLLABUS FIRST TERM**

**CLASS VII (MATHEMATICS)**

**CH-1 INTEGERS**

**ACTIVITY - WRITE TEN REAL LIFE EXAMPLES WHERE INTEGERS ARE USED.**

**CH-2 RATIONAL NUMBERS**

**ACTIVITY - TEN FACTS RELATED TO RATIONAL NUMBERS.**

**CH-7 RATIO AND PROPORTION**

**ACTIVITY-COMPARE THE RATIO OF HOUSEHOLD EXPENSES ON DIFFERENT THINGS.**

**CH-9 PERCENT AND PERCENTAGE**

**ACTIVITY - FIND THE PERCENTAGE CHANGE IN THE PRICE OF DIFFERENT**

**COMMODITIES.**

**CH-11 SIMPLE INTEREST**

**ACTIVITY-WRITE INTEREST RATE ON SAVING ACCOUNT OF 5 BANKS.**

**CH-12 SPEED, DISTANCE AND TIME**

**ACTIVITY - HOW TO FIND THE DISTANCE USING FOOT STEPS.**

**CH-13-FUNDAMENTAL CONCEPTS**

**ACTIVITY-PICK THE SLIP AND GIVE THE ANSWERS.**

**CH-14 SIMPLE LINEAR EQUATIONS**

**ACTIVITY -HIT AND TRIAL METHOD.**

**CH-16 - LINES AND ANGLES**

**ACTIVITY - MAKE A BEAUTIFUL CHART ON PAIR OF ANGLES FORMED BY TWO PARALLEL LINES AND TRANSVERSAL.**

**CH-18 - PYTHAGORAS THEOREM**

**ACTIVITY - MAKE A SQUARE ROOT CHART.**

**CH-21 CONGRUENCY: CONGRUENT TRIANGLES**

**ACTIVITY-FLASH CARDS ON CONDITIONS OF CONGURENCY OF TRIANGLE (SAS, SSS, RHS, AAS, ASA)**

**CH-22 CONSTRUCTION**

**CH-25 PROBABILITY**

**ACTIVITY-GAMES ON TOSSING THE COINS TO FIND PROBABILITY**