KV CTPP CHHABRA

HOLIDAY HOMEWORK

CLASS - VII

Ques.1. Following number line shows the age in years of different persons:



- (1) Observe the number line and write the age of each persons.
- (2) What is the age difference between the oldest and youngest among the above ?

Ques.2. Use the sign >,< or = in the box to make the statement true.

(1) -5-(-8) 5-8
(2) -3-2 3+2
(3) 2+3+(-5) 8+3-11
(4) 2-5+8-9 3-5-6+11

Ques.3. Write down a pair of integers whose.

- (1) Sum is -53.
- (2) Difference is -24.
- (3) Sum is 0.
- (4) Difference is 0.

Ques.4. Write down 10 Addition of two digit numbers like 10+(-20)+(-10) and calculate them.

Ques.5. Write down 10 Subtractions of two digit numbers like 20-(-39)-(-67) and calculate them.

Holiday Home work CLASS-XTL Per Ald Col Y so that 0 find trix ne má 9 6 8 2 5 2 8 7 2 3 0 2 -Gen value na 0 X 3 2 0 5 20 2 0 Ð 3 3 of A2-+ 1 e value, 5 A+ il 2 2 5 8 . . 0 3 4 a emer starau trand imerse A e mot 5. ()) 1 4 3 2 3 2

(iv) 12 2 1. 1 . 1 . 3/2 5 0 ALZ and 3 BK 9 4 5 2 5 R 7 0 +23)1+ ion (A+2B) FX 3 2 4 BE P ron 10ma 2 3 5 8 4 5 ů Fin 5 5 Y 0 \$242 23 3X -1 5 23 2 and In y S 3 0 9 32 2 3 8 5 7 · /

KV CTPP CHHABRA

HOLIDAY HOMEWORK

CLASS – IX

Ques.1. Write the coefficients of x^3 in each of the following:

(1) $3x^3 + 4x^2 + 4$	(3) x ⁵ - x ³ + 4
(2) $x^4 + x^2 - x^3$	(4) $4x^7 + x^8 - x^3$

Ques.2. Classify the following as linear , quadratic and cubic polynomials:

5x , 3x²+2 , 2x³, 5x+3 , 5x + x²+x , x² + x³, x + x²

Ques.3. Find the value of the polynomial $3x^2+10x+2$ at x = -1 , 1 , $\sqrt{2}$, 3 , 5.

Ques.4. Find the zeroes of the polynomials in each of the following cases:

(1) $P(x) = x^2 + 2x + 1$ (2) $P(x) = 2x + \sqrt{2}$ (3) $P(x) = x^3 + x^2 - x - 1$ (4) $P(x) = x^2 + 25x + 100$

Ques.5. Divide the polynomials by 2x+5.

(1) $3x^5 + 4x^2 + x$ (2) $3x^2 + 2x^2 + 1$

Ques.6. Find the remainder obtained on dividing $p(x) = x^3 + 3$ by 2x+1.

Ques.7. Factorise the following:

(1) $x^3 - 23 x^2 - 142x - 120$ (2) $5x^2 + 13x + 2$ (3) $x^2 + 10x + 25$