



SESSION: 2024-25

## WORKSHEET

CHAPTER: ALGEBRAIC EXPRESSION

SUB: -MATHS

CLASS – VII

DATE: 4-2-25

Q1 Write the following using numbers, literals and signs of basic operation

- (a) 5 more than a number of y      (b) z less than 6

Q2 Write the following in the exponential form

- (a)  $b \times b \times b \dots 12$  times      (b)  $7 \times y \times y \times y \times y \times z \times z \times z$

Q3 If  $a=3$   $b=5$  find the value

- (a)  $2a + 3b$       (b)  $5a - 2b$

Q4 Add:  $-5a^2b, -8a^2b, 7a^2b$

Q5 Subtract  $(2a-3b+4c)$  from the sum of  $(a+3b-4c)$ ,  $(4a-b+9c)$  and  $(-2a+3c-a)$

Q6 Simplify: -

(a)  $2p^3 - 3p^2 + 4p - 5 - 6p^3 + 2p^2 - 8p - 2 + 6p + 8$

(b)  $(5x-9y) - (-7x+ y)$