

BCM SCHOOL, BASANT AVENUE, DUGRI, LUDHIANA.

CLASS – X

MATHEMATICS (041)

MAY 2026-27 ASSIGNMENT

ANSWER KEY

TOPIC: REAL NUMBERS, POLYNOMIALS, PAIR OF LINEAR EQUATIONS IN TWO VARIABLES AND STATISTICS

SECTION-A

1.	(B) $2a = b$	1
2.	(C) 4	1
3.	(C) 3600	1

SECTION- B

4.	$x = 11130, \quad y = 5565, \quad z = 53$	2
5.	$K = 2/3$	2

SECTION-C

6.	$K = 1$	3
7.	$14 = 2 \times 7$ $18 = 2 \times 3^2$ $22 = 2 \times 11$ COMMON FACTOR = 2 Books in each stack: <ul style="list-style-type: none"> • Mathematics: $14 \div 2 = 7$ • Physics: $18 \div 2 = 9$ • Physical Education: $22 \div 2 = 11$ 	3
8.	MEAN = 194.6	3

SECTION – D

9.	$X = 3, Y = 6$	5
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SECTION – E

10.	1. $x + y = 300$ and $x + 4y = 600$	1
	2(A) chairs = 200 and tables = 100	2
	2(B) chairs = 220 and tables = 80	1
	3. 150	1