

BCM SCHOOL, BASANT AVENUE, DUGRI ROAD, LUDHIANA
JULY ASSIGNMENT
CLASS: VIII (MATHEMATICS)
TOPICS: DATA HANDLIND & ALGEBRAIC EXPRESSIONS AND IDENTITIES
ANSWER KEY

SECTION A (Multiple Choice Questions)

1. $(x - 2)(x - 2)$

SECTION B (2 MARKS QUESTIONS)

4. Perimeter of Rectangle = $2(l + b)$
 $= 2(2a^2 + b + 6a^2 - 5b)$

SECTION C (3 MARKS QUESTIONS)

6. Step 1
 $2x^2 - 5x^2y^2 + 2xy + 6xy + 4x^2 - 7$
 $6x^2 - 5x^2y^2 + 8xy - 7$
Step 2
 $-xy + x^2 + 7x^2y^2 - (6x^2 - 5x^2y^2 + 8xy - 7)$

SECTION D (5 MARKS QUESTIONS)

9. $(x^3 - 3x^2 + x + 6)(1 - 2x + 3x^2)$
 $x^3(1 - 2x + 3x^2) - 3x^2(1 - 2x + 3x^2) + x(1 - 2x + 3x^2) + 6(1 - 2x + 3x^2)$