



ST. LAWRENCE HIGH SCHOOL

A Jesuit Christian Minority Institution

ANSWER SHEET - 21

CLASS -VI

SUBJECT -ALGEB & GEOM CHAPTER 14 - FUNDAMENTAL OPERATIONS

F.M - 15

Date -14.05.20

TOPIC - SUBTRACTION

I. Multiple choice questions : (Select the correct option)

(15)

Subtract the followings :

1. $(p - 3q) - (4p - 5q)$

a) $2p + 1$ **b) $-3p + 2q$** c) $5p + 3q$ d) none of these .

2. $(6x + 8y) - (2x + 6y)$

a) $4x + 2y$ b) $2x - 4y$ c) $5x + y$ d) none of these .

3. $(8x^2 + xy) - (3x^2 - 3xy)$

a) $15x^2 + 4xy$ b) $2x^2 + 3xy$ **c) $5x^2 + 4xy$** d) none of these .

4. $(a^2 + b^2) - (2a^2 - 3b^2)$

a) $-a^2 + 4b^2$ b) $-9a^2 + b^2$ c) $7a^2 + 3b^2$ d) none of these .

5. $(2a + 3b) - (6a + 3b)$

a) $2a + 1b$ b) $3a + 2b$ **c) $-4a$** d) none of these .

6. $(4p + q) - (p - q)$

a) $p - q$ **b) $3p + 2q$** c) $3p + q$ d) none of these .

7. $(7 - x + x^2) - (x^2 + 6 - 3x)$

a) $1 + 2x$ b) $x^2 + 1$ c) $2x + x^2 + 1$ d) none of these .

8. $(5x + 8y) - (3x + 4y)$

a) $2x + 4y$ b) $x + y$ c) $7x - 3y$ d) none of these .

9. $(3x + y - 2) - (7x - 4y)$

a) $7x - 4y - 7$ **b) $-4x + 5y - 2$** c) $4x - 3y - 5$ d) none of these .

10. $(3x^2 - y + z + 8) - (-x^2 - 4z)$

a) $4x + y + z$ b) $2x + 3y - z$ **c) $4x^2 - y + 5z + 8$** d) none of these.

11. $(5a - 2b - c) - (-3a + b + 4d)$

a) $8a - 3b - c - 4d$ b) $10a - b - c - 5d$ c) $a + 2b + c + 4d$ d) none of these.

12. $(5x^2 + 4y^2 - 8xy + 6) - (-2x^2 + y^2 - xy + x)$

a) $x^2 + 3 - 3xy + 5$ **b) $7x^2 + 3y^2 - 7xy + 6 - x$** c) $4x^2 + xy + 4$ d) none of these.

13. Take away $4x^2y - 8$ from $7x^2y - 3$

a) $3x^2y + 5$ b) $x^2 - 5$ c) $6x^2 - 4$ d) none of these.

14. Take away $1 - q + q^2$ from $q^2 + q - 1$

a) $7q - 3$ **b) $2q - 2$** c) $8q$ d) none of these.

15. $(9a + 4b) - (3a + 2b)$

a) $2a + b$ **b) $6a + 2b$** c) $4a + b$ d) none of these.

By – U. James Riju.