

Class- VI Subject –Math Topic Algebraic Expressions

Date-13/07/2020

Multiple Choice Questions

1. What are the coefficient of x and y in $4x+12y$?	
a) 16	c) 12, 4
b) 8	d) 4, 12
2. Which one of the following is the coefficient of x	x in 7x+9y?
a) 7	c) 16
b) 9	d) 12
3. $(+35)+(-45)+(55)+(11) =$ what?	
a) 54	c) 56
b) 58	d) 57
4. Which one of the following is the coefficient of \mathbf{k}	
a) 5	c) 2
b) 7	d) 12 $5 - 2 - 2 - 2 - 2 - 2 - 2 - 2 - 2 - 2 - $
5. How many terms are there in the expression $2x + \frac{1}{2}$	
a) 1	c) 3
b) 2	d) 4
6. How many terms are there in the expression $3x \times$	$\sqrt{4}x \div 2\pi 2$
a) 1	c) 3
b) 2	d) 4
7. What is the difference of y times x is subtracted t	,
a) xy - 3a	c) 3a-xy
b) x-y-3a	d) 3a-x-y
$8.2x^5 \times 7x^2 \times 3y^3 = $ what?	, ,
a) $4x^6y^3$	c) $42x^7y^3$
b) $14x^7y^3$	d) $48x^7y^3$
9. If the price of a orange is taka x, then what is the	e price of 12 orange?
a) 12	c) 12+x
b) x	d) 12x
10. If the price of a pen is x, notebook is y and a pe	encil is z, then what will be the price of
three pens, one notebook and two pencils?	
a) $x + y + z$	c) $3x+y+z$
b) $3y+x+2z$	d) 3x+y
11. The coefficient of x in $8 - x + y$ is	
a 1	
b. 1	
c. 8 d. 5	
12. The algebraic expression for "Number 5 added	to three times the product of numbers m
and n" is	to the times the product of numbers in
a. $5 + 3mn$	
b. $3 + 5mn$	
c. (5+3) mn	
d. 5+3n	

b. Variables c. constants d. operations 15. Which of the following is the numerical coefficient of x^2y^2 ? a. 0 b. 1 c. x^2 d. y^2 16. Which of the following is the numerical coefficient of -5xy? a. 5 bx c5 bx dy 17. The value of $x^2 - 5$ at x = 1 is a2 c4 b1 d5 18. What is the value of $5x^{25} - 3x^{32} + 2x^{-12}$ at x=1? a. 0 b. 2 c. 4 d. None of these d)1 19.Subtract (b-a) from (a-b) then what is the difference? a) a+b b) 2a-2b c) 0 d) a 20.Which one is the index of x in 7x ⁶ ? a) 6 b) 13 If a^2 , b^2 , c^2 are three algebraic expressions, then- 21. What is the numerical coefficient of b^2 ?	b. Variables c. constants d. operations 15. Which of the following is the numerical coefficient of x^2y^2 ? a. 0 b. 1 c. x^2 d. y^2 16. Which of the following is the numerical coefficient of -5xy? a. 5 c5 bx dy 17. The value of x^2 -5 at x =1 is a2 b1 d5 18. What is the value of $5x^{25}$ - $3x^{32}$ + $2x^{12}$ at x=1? a. 0 b. 2 c. 4 d. None of these d)1 19.Subtract (b-a) from (a-b) then what is the difference? a) a+b b) 2a-2b c) 0 d) a 20.Which one is the index of x in $7x^6$? a) 6 b) 13 If a^2 , b^2 , c^2 are three algebraic expressions, then- 21. What is the numerical coefficient of b^2 ? a. 1 c. 6	 13. The value of the expression 5n - 2 when n = -2 a. 12 b12 c. 8 d -8 14. Terms are added to form ————————————————————————————————————	2 is	
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21. What is the numerical coefficient of b^2 ?	a. 1 c. 6	If a^2 , b^2 , c^2 are three algebraic expressions, then-		
a. 1 c. 6	b. 2 d. 0	a. 1	c. 6	
h) 10		b. 2	d. 0	

- 22. Which one of the following is sum of three times of x and two times of y?
 - a) y+3x

b)3x+2yc) x+2ylf a=2, b=-3, c=-4 d=523. What is the value of -(-b)a.-3 b. 3 c. 4 d. 5

4a, 2b and 3a are three algebraic data.

24. What is the sum of the coefficient of three data? a.7

b. 9

c. 8

d.10

25. What is the value of sum of subtraction of first data from 3rd and 2nd data?

a. 2a-2b

b. a+2b

c. a+b

d.2a+3b