STD: 6 **ASSIGNMENT- 2. INTRODUCTION TO ALGEBRA** Total Marks: 20

I. Choose the best answer [5 questions x 1 mark = 5 marks]

1. The algebraic statement for "two more than five times of 'y' " is_____

a) 2y + 5 b) 2+y+5 c) 5y + 2 d) 5y-2

2. The algebraic statement for " 'm' is decreased by 4 " is_____

a) m +4 b) m-4 c) 4-m d) 4m

3. Observe the pattern and find the next number?

3, 7, 11, 15,___

a) 16 b) 17 c) 18 d) 19

4. The algebraic statement for "3k-6" is_____

a) 3 more than 6 times 'k' b) 3 less to 6 times 'k' c) 6 more than 3 times 'k' d) 6 less to 3 times 'k'

5. The algebraic statement for "a/8" is_____

a) 8 times 'a' b) 8 divided by 'a' c) 'a' divided by 8 d) 8 less to 'a'

II. Answer the following [5 questions x 2 marks = 10 marks]

6. If 'n' is a whole number, then

(i) How can you express the next number?

(ii) How can you express the previous number?

7. If 'j' is equal to 150, then

(i) What is the value of 'j+3'?

(ii) What is the value of 'j-10'?

8. Anbu has one son and one daughter. If his son's age is 29 less to Anbu's age and his daughter's age is 32 less to Anbu's age, then find his son's age and daughter's age using variable.(Take Anbu's age as 'x')

9. What is the value of 'b - 5'?

(i) If b = 10

(ii) If b = 14

10. Fill in the blanks

(i) If 'g-2' gives 0, then 'g' is ____

(ii) If 'u + 2' gives 10, then 'u' is_____

III. Match the following [5 questions x 1 mark = 5 marks]

1. Variables	**(a)'s' is divided by 2**
2. s + 2	**(b) a, b ,c,...z**
3. s - 2	**(c) 2 more than 's'**
4. 2s	**(d) 2 less to 's'**
5. s/2	**(e) Twice 's'**

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