Seven Star Sr. Sec. Public School Bani
Class - 8th Monday Test MM: 15

*Multiple choice questions:-

Q1. What is a(b + c) equal to?
A) ab + c
B) ab + ac
C) a + bc
D) abc

Q2. (x+2)(x+3) = ?
A) $x^2 + 5x + 6$
B) $x^2 + 6$
C) $x^2 + 3x + 2$
D) x + 6

Q3. 3x × 4y = ?
A) 7xy
B) 12xy
C) 12x + y
D) 7x+y

Q4. Identity: $(a+b)^2$ = ?
A) $a^2 + b^2$
B) $a^2 + 2ab + b^2$
C) $a^2 - 2ab + b^2$
D) ab^2

Q5. If a=2, b=3, then a(b+1) = ?
A) 5
B) 6
C) 8
D) 10

Q6. Product of $-5x^2$ and $2x^2$ is:
A) $-10x^2$
B) $-10x^3$
C) $10x^4$
D) $-10x^4$

Q7. Which property is 5 × (2+3) = 5 × 2 + 5 × 3?
A) Commutative
B) Associative
C) Distributive
D) Closure

Q8. (x+1)(x-1) = ?
A) x^2+1
B) x^2-1
C) x^2+2x+1
D) x^2-2

Q9. Area of rectangle with length l=5x and breadth b=3x is:
A) 8x
B) 15x
C) $15x^2$
D) $8x^2$

Q10. 0 × (x+5y) = ?
A) x+5y
B) 0
C) 5y
D) x

Q11. Product of $(2x^2 - 3x + 5)(3x^2 + 2x - 1)$ has coefficient of x^2 equal to:
A) -2
B) 12