EduSahara™ Learning Center Assignment

Grade : Class X, SSC
Chapter : Polynomials
Name : Value of a Polynomial

---

1. The value of the polynomial $(-8m -4)$ at $m = (-3)$ is

   (i) 17 (ii) 22 (iii) 19 (iv) 20 (v) 21

---

2. The value of the polynomial $(3t^2 -8t -3)$ at $t = 4$ is

   (i) 14 (ii) 13 (iii) 10 (iv) 16 (v) 12

---

3. The value of the polynomial $(-2p^3 -4p^2 -8p)$ at $p = (-3)$ is

   (i) 45 (ii) 40 (iii) 41 (iv) 43 (v) 42

---

4. The value of the polynomial $(-x^4 +x^3 +5x^2 -5x -6)$ at $x = 4$ is

   (i) -135 (ii) -138 (iii) -141 (iv) -139 (v) -137

---

5. The value of the polynomial $(-6y)$ at
   $w = (-3)$, $x = (-2)$, $y = (-4)$ is

   (i) 24 (ii) 27 (iii) 23 (iv) 21 (v) 25

---

6. The value of the polynomial $9o^2p$ at
   $n = 5$, $o = 0$, $p = 1$ is

   (i) 1 (ii) -2 (iii) -1 (iv) 0 (v) 3

---

7. The value of the polynomial $(5wy -6w)$ at
   $w = 4$, $x = 0$, $y = (-5)$ is

   (i) -124 (ii) -126 (iii) -122 (iv) -123 (v) -125

---

8. The value of the polynomial $(-6n^2o^2p -4n)$ at
   $n = 0$, $o = 3$, $p = 3$ is

   (i) 1 (ii) 0 (iii) -3 (iv) -1 (v) 3

---

9. The value of the polynomial $(-7mn +8m -4)$ at

$l = 2$, $m = 0$, $n = (-1)$ is

(i) -5 (ii) -6 (iii) -4 (iv) -1 (v) -3

---

10. The value of the polynomial $(-7 m^2 n^2 o + 5 m n o^2 + 9 o^2)$ at
$m = 0$, $n = (-2)$, $o = (-4)$ is

(i) 147 (ii) 143 (iii) 145 (iv) 144 (v) 142

---

11. The value of the polynomial $(-j k l + j k + 6 k l)$ at
$j = 2$, $k = 3$, $l = 1$ is

(i) 21 (ii) 19 (iii) 18 (iv) 16 (v) 17

---

12. The value of the polynomial $(2 q^2 r^2 s^2 + 6 q^2 r^2 s - 2 q r^2)$ at
$q = 1$, $r = 1$, $s = 1$ is

(i) 6 (ii) 7 (iii) 5 (iv) 4 (v) 8

---

13. The value of the polynomial 1 at
$v = (-2)$, $w = 5$, $x = 3$ is

(i) 0 (ii) 2 (iii) -2 (iv) 3 (v) 1

---

14. The value of the polynomial 0 at
$u = 3$, $v = 3$, $w = (-3)$ is

(i) 2 (ii) 1 (iii) 0 (iv) -3 (v) -1

---

15. Given $f(j) = (2j - 7)$, find $f((-3))$

(i) -12 (ii) -15 (iii) -14 (iv) -11 (v) -13

---

16. Given $f(n) = (3 n^2 + n + 9)$, find $f(4)$

(i) 61 (ii) 63 (iii) 62 (iv) 58 (v) 60

---

17. Given $f(i) = (-6 i^2 - i - 2)$, find $f(1)$

(i) -10 (ii) -7 (iii) -12 (iv) -9 (v) -8

---

18. Given $f(i) = (2 i^4 - 9 i^3 + 2 i^2 + 9 i - 2)$, find $f(5)$

(i) 217 (ii) 219 (iii) 218 (iv) 221 (v) 215

Assignment Key

1) (iv)
2) (ii)
3) (v)
4) (ii)
5) (i)
6) (iv)
7) (i)
8) (ii)
9) (iii)
10) (iv)
11) (iii)
12) (i)
13) (v)
14) (iii)
15) (v)
16) (i)
17) (iv)
18) (iii)