EduSahara™ Assignment

Name : Value of a Polynomial

Chapter : Polynomials

Grade : SSC Grade X

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1. The value of the polynomial $(8p+9)$ at $p=3$ is

   (i) 32 (ii) 36 (iii) 33 (iv) 30 (v) 34

2. The value of the polynomial $(4u^2-2u+8)$ at $u=(-1)$ is

   (i) 11 (ii) 13 (iii) 17 (iv) 14 (v) 15

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

   (i) -32 (ii) -28 (iii) -30 (iv) -31 (v) -29

4. The value of the polynomial $(8x^4-7x^3-8x^2-4x+7)$ at $x=(-5)$ is

   (i) 5701 (ii) 5703 (iii) 5699 (iv) 5705 (v) 5702

5. The value of the polynomial (-8) at $m=4, n=3, o=(-5)$ is

   (i) -7 (ii) -5 (iii) -8 (iv) -9 (v) -10

6. The value of the polynomial $(-5ab^2)$ at $a=5, b=(-4), c=1$ is

   (i) -400 (ii) -403 (iii) -398 (iv) -401 (v) -399

7. The value of the polynomial $(9o-6p)$ at $o=5, p=4, q=2$ is

   (i) 23 (ii) 20 (iii) 21 (iv) 22 (v) 18

8. The value of the polynomial $(-7f^2gh^2+8f^2g)$ at $f=0, g=2, h=(-3)$ is

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

9. The value of the polynomial $(-7hi+3hj-7j)$ at $h=(-3), i=3, j=3$ is

   (i) 16 (ii) 15 (iii) 17 (iv) 13 (v) 14

10. The value of the polynomial $(6m^2o^2+8mno-mo^2)$ at $m=3, n=(-4), o=3$ is

    (i) 171 (ii) 173 (iii) 172 (iv) 170 (v) 169

11. The value of the polynomial $(2cd-8ce+5de)$ at $c=4, d=5, e=1$ is

    (i) 36 (ii) 34 (iii) 33 (iv) 30 (v) 32

12. The value of the polynomial $(7lm^2+4m^2n+2n)$ at $l=3, m=(-5), n=(-5)$ is

    (i) 18 (ii) 12 (iii) 14 (iv) 15 (v) 16

13. The value of the polynomial (-1) at $o=(-3), p=(-2), q=(-5)$ is

    (i) 1 (ii) 0 (iii) -2 (iv) -4 (v) -1

14. The value of the polynomial 0 at $k=(-3), l=(-5), m=5$ is

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

15. Given $f(v)=(-v+5)$, find $f(3)$

(i) 1 (ii) 3 (iii) -1 (iv) 4 (v) 2

16. Given $f(y)=(-6y^2-7y+8)$, find $f((-3))$

(i) -25 (ii) -24 (iii) -26 (iv) -23 (v) -27

17. Given $f(p)=(9p^3+3p+2)$, find $f(0)$

(i) 5 (ii) -1 (iii) 2 (iv) 3 (v) 1

18. Given $f(k)=(3k^4+k^3+8k^2+6k+6)$, find $f(4)$

(i) 989 (ii) 990 (iii) 993 (iv) 991 (v) 988

Assignment Key

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

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