EduSahara™ Assignment

Name : Division

Chapter : Factorisation

Grade : SSC Grade VIII

1. The quotient when $(-4z)$ is divided by 6 is

   (i) $(-\frac{4}{3}z)$ (ii) 0 (iii) $(-\frac{2}{5}z)$ (iv) $(-\frac{2}{3}z)$ (v) $(-2z)$

2. The quotient when k^2 is divided by $(k-9)$ is

   (i) $(k+9)$ (ii) $(3k+9)$ (iii) $(-2k+9)$ (iv) $(2k+9)$ (v) 9

3. The quotient when $(-3f-4)$ is divided by $(f-4)$ is

   (i) (-1) (ii) (-3) (iii) (-2) (iv) (-5) (v) (-4)

4. The quotient when (h^2-5h-6) is divided by $(h+5)$ is

   (i) $(2h-10)$ (ii) (-10) (iii) $(-h-10)$ (iv) $(3h-10)$ (v) $(h-10)$

5. The quotient when $(8q^2+q)$ is divided by $(q+3)$ is

   (i) $(9q-23)$ (ii) $(6q-23)$ (iii) $(8q-23)$ (iv) $(7q-23)$ (v) $(11q-23)$

6. The quotient when $(6i^3+9i^2-7i)$ is divided by $(i^2-12i+27)$ is

   (i) $(6i+81)$ (ii) $(7i+81)$ (iii) $(3i+81)$ (iv) $(5i+81)$ (v) $(9i+81)$

7. The quotient when $(-6m^4-7m^3-6m^2+9m+5)$ is divided by $(m^2+14m+48)$ is

   (i) $(-9m^2+77m-796)$ (ii) $(-7m^2+77m-796)$ (iii) $(-5m^2+77m-796)$ (iv) $(-6m^2+77m-796)$

   (v) $(-3m^2+77m-796)$

8. The quotient when $(4m^5-7m^4-8m^3-4m^2-4m+3)$ is divided by $(m+7)$ is

   (i) $(6m^4-35m^3+237m^2-1663m+11637)$ (ii) $(3m^4-35m^3+237m^2-1663m+11637)$

   (iii) $(4m^4-35m^3+237m^2-1663m+11637)$ (iv) $(m^4-35m^3+237m^2-1663m+11637)$

   (v) $(5m^4-35m^3+237m^2-1663m+11637)$

9. The remainder when $8j$ is divided by 9 is

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

10. The remainder when $(-3n^2)$ is divided by $(n-2)$ is

    (i) (-11) (ii) (-12) (iii) (-15) (iv) (-9) (v) (-13)

11. The remainder when $(-3k+7)$ is divided by $(k+6)$ is

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

12. The remainder when $(-5r^2+8r)$ is divided by $(r-1)$ is

    (i) 0 (ii) 3 (iii) 2 (iv) 4 (v) 6

13. The remainder when $(-3q^2+5q-1)$ is divided by $(q+8)$ is

    (i) (-234) (ii) (-231) (iii) (-232) (iv) (-235) (v) (-233)

14. The remainder when $(-8h^3-3h+8)$ is divided by $(h^2+2h-48)$ is

    (i) $(-420h+776)$ (ii) $(-418h+776)$ (iii) $(-419h+776)$ (iv) $(-422h+776)$ (v) $(-416h+776)$

15. The remainder when $(4p^4+8p^3-2p^2-6p+2)$ is divided by $(p^2+11p+30)$ is

    (i) $(-1942p-8218)$ (ii) $(-1940p-8218)$ (iii) $(-1939p-8218)$ (iv) $(-1938p-8218)$

    (v) $(-1941p-8218)$

16. The remainder when $(7w^3-5w^2-4w+7)$ is divided by $(w^2+13w+42)$ is

    (i) $(947w+4039)$ (ii) $(951w+4039)$ (iii) $(950w+4039)$ (iv) $(949w+4039)$ (v) $(952w+4039)$

Assignment Key

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