1. The value of $8i + (-i)$ is

   (i) $4i$ (ii) $10i$ (iii) $7i$ (iv) $8i$ (v) $6i$

2. The value of $3w + 2w + (-7w) + 9w$ is

   (i) $6w$ (ii) $10w$ (iii) $4w$ (iv) $8w$ (v) $7w$

3. The value of $(-2g^2) + (-8g^2) + (-5g^2)$ is

   (i) $(-14g^2)$ (ii) $(-12g^2)$ (iii) $(-16g^2)$ (iv) $(-15g^2)$ (v) $(-17g^2)$

4. The value of $(7b - 6) + (-7b + 1)$ is

   (i) (-3) (ii) (-7) (iii) (-4) (iv) (-6) (v) (-5)

5. The value of $(9h^2 + 5h - 7) + (-2h^2 - 3h - 2)$ is

   (i) $(8h^2 + 2h - 9)$ (ii) $(4h^2 + 2h - 9)$ (iii) $(6h^2 + 2h - 9)$ (iv) $(10h^2 + 2h - 9)$ (v) $(7h^2 + 2h - 9)$

6. The value of $(4s^5 - 6s^4 - 5s) + (4s^5 + s^4 - 7s^3)$ is

   (i) $(7s^5 - 5s^4 - 7s^3 - 5s)$ (ii) $(10s^5 - 5s^4 - 7s^3 - 5s)$ (iii) $(9s^5 - 5s^4 - 7s^3 - 5s)$ (iv) $(8s^5 - 5s^4 - 7s^3 - 5s)$

   (v) $(6s^5 - 5s^4 - 7s^3 - 5s)$

7. The value of $(4a^4 + 7a^3 + 9a^2) + (-2a^5 + 2a^2 - 6a) + (-6a^5 + 6a^3 - 4a) + (9a^5 - 2a^2 - 3)$ is

   (i) $(a^5 + 4a^4 + 13a^3 + 9a^2 - 10a - 3)$ (ii) $(2a^5 + 4a^4 + 13a^3 + 9a^2 - 10a - 3)$ (iii) $(4a^4 + 13a^3 + 9a^2 - 10a - 3)$

   (iv) $(3a^5 + 4a^4 + 13a^3 + 9a^2 - 10a - 3)$ (v) $(-a^5 + 4a^4 + 13a^3 + 9a^2 - 10a - 3)$

8. The value of $\frac{1}{5}z + \frac{1}{3}z$ is

   (i) $\frac{2}{5}z$ (ii) $\frac{8}{17}z$ (iii) $\frac{2}{3}z$ (iv) $\frac{8}{15}z$ (v) $\frac{8}{13}z$

9. The value of $\frac{3}{4}q + \frac{2}{3}q + \frac{1}{4}q + \frac{1}{2}q$ is

   (i) $\frac{9}{4}q$ (ii) $\frac{13}{6}q$ (iii) $\frac{11}{6}q$ (iv) $\frac{5}{2}q$ (v) $\frac{17}{8}q$

10. The value of $\frac{1}{4}t^2 + \frac{2}{3}t^2 + \frac{3}{5}t^2$ is

(i) $\frac{89}{60}t^2$ (ii) $\frac{31}{20}t^2$ (iii) $\frac{91}{58}t^2$ (iv) $\frac{91}{60}t^2$ (v) $\frac{91}{62}t^2$

11. The value of $\frac{1}{2}j^4 + \frac{4}{5}j^4 + \frac{3}{4}j^4 + \frac{2}{5}j^4$ is

(i) $\frac{53}{22}j^4$ (ii) $\frac{5}{2}j^4$ (iii) $\frac{51}{20}j^4$ (iv) $\frac{49}{20}j^4$ (v) $\frac{47}{20}j^4$

12. The value of $6p - 5p$ is

(i) $2p$ (ii) p (iii) $3p$ (iv) 0 (v) $(-2p)$

13. The value of $5d^2 - (-d^2) - (-8d^2)$ is

(i) $12d^2$ (ii) $16d^2$ (iii) $15d^2$ (iv) $13d^2$ (v) $14d^2$

14. The value of $7s^3 - (-3s^3)$ is

(i) $11s^3$ (ii) $9s^3$ (iii) $10s^3$ (iv) $12s^3$ (v) $7s^3$

15. The value of $2q^5 - q^5 - 6q^5$ is

(i) $(-4q^5)$ (ii) $(-6q^5)$ (iii) $(-2q^5)$ (iv) $(-5q^5)$ (v) $(-7q^5)$

16. The value of $(-3j-3) - (-7j-3)$ is

(i) $3j$ (ii) $4j$ (iii) j (iv) $5j$ (v) $7j$

17. The value of $(9b^2-7b-4) - (3b^2-3b-2)$ is

(i) $(4b^2-4b-2)$ (ii) $(6b^2-4b-2)$ (iii) $(9b^2-4b-2)$ (iv) $(7b^2-4b-2)$ (v) $(5b^2-4b-2)$

18. The value of $(9q^5-q^4+2) - (6q^4+4q^3-3q)$ is

(i) $(11q^5-7q^4-4q^3+3q+2)$ (ii) $(9q^5-7q^4-4q^3+3q+2)$ (iii) $(10q^5-7q^4-4q^3+3q+2)$

(iv) $(7q^5-7q^4-4q^3+3q+2)$ (v) $(8q^5-7q^4-4q^3+3q+2)$

19. The value of $(-2c^5+3c^4-7) - (4c^4+9c^3-2c) - (-c^5-5c^4-8c^3)$ is

(i) $(-4c^5+4c^4-c^3+2c-7)$ (ii) $(-2c^5+4c^4-c^3+2c-7)$ (iii) $(2c^5+4c^4-c^3+2c-7)$

(iv) $(-c^5+4c^4-c^3+2c-7)$ (v) $(4c^4-c^3+2c-7)$

20. The value of $\frac{1}{4}m - \frac{1}{5}m$ is

(i) $(-\frac{1}{20}m)$ (ii) $\frac{1}{20}m$ (iii) $\frac{1}{18}m$ (iv) $\frac{1}{22}m$ (v) $\frac{3}{20}m$

21. The value of $\frac{1}{2}g^2 - \frac{1}{2}g^2 - \frac{1}{2}g^2$ is

(i) $(-\frac{1}{4}g^2)$ (ii) $(-\frac{3}{2}g^2)$ (iii) $(-g^2)$ (iv) $\frac{1}{2}g^2$ (v) $(-\frac{1}{2}g^2)$

22. The value of $\frac{1}{2}r^3 - \frac{1}{2}r^3$ is

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

23. The value of $\frac{2}{3}c^5 - \frac{1}{2}c^5 - \frac{1}{2}c^5$ is

(i) $(-\frac{1}{5}c^5)$ (ii) $\frac{1}{3}c^5$ (iii) $(-\frac{1}{3}c^5)$ (iv) $(-c^5)$

24. The sum of the terms $6, (-4l), (-6), 9l, 8l$ is

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

25. The sum of the terms $5rs, (-5), 2, (-7r), 3r$ is

(i) $(5rs-4r-3)$ (ii) $(6rs-4r-3)$ (iii) $(5rs-7r-3)$ (iv) $(4rs-4r-3)$ (v) $(5rs-2r-3)$

26. The sum of the terms $(-5fh), (-7), (-gh), (-5gh), 3fh$ is

(i) $(-3fh-6gh-7)$ (ii) $(-2fh-6gh-7)$ (iii) $(-2fh-3gh-7)$ (iv) $(-fh-6gh-7)$ (v) $(-2fh-9gh-7)$

27. The sum of the expressions $(8b-8), (3b-5), (4b+2), (-7b+6), (22b-4)$ is

(i) $(30b-9)$ (ii) $(31b-9)$ (iii) $(30b-6)$ (iv) $(29b-9)$ (v) $(30b-11)$

28. The sum of the expressions $(9x-7), (8xy-8x), (9x+5y), (-3y-9), (2xy-9)$ is

(i) $(11xy+10x+2y-25)$ (ii) $(10xy+10x+2y-25)$ (iii) $(10xy+8x+2y-25)$ (iv) $(9xy+10x+2y-25)$

(v) $(10xy+13x+2y-25)$

29. The sum of the expressions $(8f-1), (-4f+7), (f-1), (12f+1), (8f+5)$ is

(i) $(25f+14)$ (ii) $(25f+8)$ (iii) $(24f+11)$ (iv) $(25f+11)$ (v) $(26f+11)$

30. The sum of the expressions $(-14g+7h+1), (-2gh+3h-3), (5gh+3g-3h), (-9g-4h+13), (3gh-3g-3)$ is

(i) $(6gh-26g+3h+8)$ (ii) $(6gh-20g+3h+8)$ (iii) $(6gh-23g+3h+8)$ (iv) $(7gh-23g+3h+8)$

(v) $(5gh-23g+3h+8)$

31. The value of $5ij + (-8ij)$ is

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

32. The value of $9j^2k^2 + (-7j^2k^2) + 2j^2k^2 + (-9j^2k^2)$ is

(i) $(-2j^2k^2)$ (ii) $(-4j^2k^2)$ (iii) $(-5j^2k^2)$ (iv) $(-8j^2k^2)$ (v) $(-6j^2k^2)$

33. The value of $5xyz + (-3xyz)$ is

(i) $5xyz$ (ii) $2xyz$ (iii) 0 (iv) xyz (v) $3xyz$

34. The value of $4r^3s^3t^3 + (-r^3s^3t^3) + (-7r^3s^3t^3) + 3r^3s^3t^3$ is

(i) $(-2r^3s^3t^3)$ (ii) 0 (iii) $r^3s^3t^3$ (iv) $(-r^3s^3t^3)$ (v) $(-3r^3s^3t^3)$

35. The value of $(2hi - 7h - 2) + (3h - i + 7)$ is

(i) $(2hi - 4h - i + 5)$ (ii) $(3hi - 4h - i + 5)$ (iii) $(2hi - h - i + 5)$ (iv) $(2hi - 6h - i + 5)$ (v) $(hi - 4h - i + 5)$

36. The value of $\frac{2}{3}fg + \frac{1}{5}fg$ is

(i) $\frac{11}{15}fg$ (ii) $\frac{13}{17}fg$ (iii) fg (iv) $\frac{13}{15}fg$

37. The value of $\frac{1}{2}m^2n^2 + \frac{1}{4}m^2n^2 + \frac{1}{2}m^2n^2 + \frac{3}{5}m^2n^2$ is

(i) $\frac{7}{4}m^2n^2$ (ii) $\frac{35}{18}m^2n^2$ (iii) $\frac{39}{22}m^2n^2$ (iv) $\frac{39}{20}m^2n^2$ (v) $\frac{37}{20}m^2n^2$

38. The value of $\frac{1}{2}jkl + \frac{4}{5}jkl$ is

(i) $\frac{13}{12}jkl$ (ii) $\frac{11}{10}jkl$ (iii) $\frac{3}{2}jkl$ (iv) $\frac{13}{10}jkl$ (v) $\frac{13}{8}jkl$

39. The value of $(-7cd) - 3cd$ is

(i) $(-11cd)$ (ii) $(-10cd)$ (iii) $(-12cd)$ (iv) $(-8cd)$ (v) $(-9cd)$

40. The value of $(-9bc) - (-6bc) - 9bc - bc$ is

(i) $(-11bc)$ (ii) $(-16bc)$ (iii) $(-14bc)$ (iv) $(-13bc)$ (v) $(-12bc)$

41. The value of $2b^2c^2d^2 - (-8b^2c^2d^2)$ is

(i) $10b^2c^2d^2$ (ii) $12b^2c^2d^2$ (iii) $8b^2c^2d^2$ (iv) $9b^2c^2d^2$ (v) $11b^2c^2d^2$

42. The value of $(9mn + 7m - 4) - (-3mn - 5n + 9)$ is

(i) $(12mn + 10m + 5n - 13)$ (ii) $(12mn + 7m + 5n - 13)$ (iii) $(11mn + 7m + 5n - 13)$

(iv) $(13mn + 7m + 5n - 13)$ (v) $(12mn + 4m + 5n - 13)$

43. The value of $\frac{1}{2}fg - \frac{1}{2}fg$ is

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

44. The value of $\frac{3}{4}st - \frac{1}{5}st - \frac{4}{5}st - \frac{4}{5}st$ is

(i) $(-\frac{23}{20}st)$ (ii) $(-\frac{21}{22}st)$ (iii) $(-\frac{21}{20}st)$ (iv) $(-\frac{19}{20}st)$ (v) $(-\frac{7}{6}st)$

45. The value of $\frac{1}{2}t^2u^2v^2 - \frac{1}{2}t^2u^2v^2$ is

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

Assignment Key

1) (iii)	2) (v)	3) (iv)	4) (v)	5) (v)	6) (iv)
7) (i)	8) (iv)	9) (ii)	10) (iv)	11) (iv)	12) (ii)
13) (v)	14) (iii)	15) (iv)	16) (ii)	17) (ii)	18) (ii)
19) (iv)	20) (ii)	21) (v)	22) (ii)	23) (iii)	24) (v)
25) (i)	26) (ii)	27) (i)	28) (ii)	29) (iv)	30) (iii)
31) (ii)	32) (iii)	33) (ii)	34) (iv)	35) (i)	36) (iv)
37) (v)	38) (iv)	39) (ii)	40) (iv)	41) (i)	42) (ii)
43) (iv)	44) (iii)	45) (iv)			