valogat

1. **foeh3**

   Consider the Lagrange interpolational polynomial of the points $(-1, \frac{2}{3})$, $(-5, \frac{154}{3})$ and $(10, \frac{574}{3})$. Then, its leading coefficient is:

   (a) 2 ✓
   (b) 4
   (c) $\frac{1}{2}$
   (d) -2

2. **foeh3**

   Consider the Lagrange interpolational polynomial of the points $(6, -\frac{178}{3})$, $(-3, -\frac{16}{3})$ and $(9, -\frac{376}{3})$. Then, its leading coefficient is:

   (a) $-\frac{4}{3}$ ✓
   (b) $\frac{2}{3}$
   (c) $\frac{5}{3}$
   (d) $-\frac{11}{6}$

3. **foeh3**

   Consider the Lagrange interpolational polynomial of the points $(1, -5)$, $(-4, -10)$ and $(5, -49)$. Then, its leading coefficient is:

   (a) $-\frac{4}{3}$ ✓
   (b) $\frac{1}{6}$
   (c) $-\frac{16}{3}$
   (d) $-\frac{10}{3}$

4. **foeh3**

   Consider the Lagrange interpolational polynomial of the points $(-3, \frac{27}{2})$, $(5, \frac{193}{6})$ and $(-9, \frac{223}{2})$. Then, its leading coefficient is:

(a) $\frac{4}{3}$ ✓
(b) $\frac{7}{3}$
(c) 1
(d) $-\frac{1}{6}$

5. **foeh3**

Consider the Lagrange interpolational polynomial of the points $(-2, \frac{26}{3})$, $(-9, \frac{1375}{6})$ and $(-8, \frac{539}{3})$. Then, its leading coefficient is:

(a) 3 ✓
(b) $\frac{3}{2}$
(c) 4
(d) 2

6. **foeh3**

Consider the Lagrange interpolational polynomial of the points $(5, -19)$, $(9, -71)$ and $(-8, -71)$. Then, its leading coefficient is:

(a) -1 ✓
(b) $-\frac{3}{2}$
(c) $\frac{1}{3}$
(d) 1

7. **foeh3**

Consider the Lagrange interpolational polynomial of the points $(6, -\frac{115}{2})$, $(-6, -\frac{107}{2})$ and $(-10, -\frac{889}{6})$. Then, its leading coefficient is:

(a) $-\frac{3}{2}$ ✓
(b) $\frac{1}{2}$
(c) $-\frac{1}{6}$
(d) $-\frac{1}{2}$

8. **foeh3**

   Consider the Lagrange interpolational polynomial of the points $(9, 89)$, $(-8, 55)$ and $(-6, 29)$. Then, its leading coefficient is:

   (a) 1 ✓
   (b) $\frac{4}{3}$
   (c) $\frac{5}{3}$
   (d) 3

9. **foeh3**

   Consider the Lagrange interpolational polynomial of the points $(-9, \frac{173}{2})$, $(4, 15)$ and $(-1, \frac{5}{2})$. Then, its leading coefficient is:

   (a) 1 ✓
   (b) $-\frac{1}{2}$
   (c) 2
   (d) $\frac{1}{3}$

10. **foeh3**

    Consider the Lagrange interpolational polynomial of the points $(-6, -67)$, $(-2, -\frac{37}{3})$ and $(1, \frac{2}{3})$. Then, its leading coefficient is:

    (a) $-\frac{4}{3}$ ✓
    (b) $\frac{2}{3}$
    (c) $-\frac{10}{3}$
    (d) $-\frac{8}{3}$

11. **foeh3**

    Consider the Lagrange interpolational polynomial of the points $(10, -\frac{317}{3})$, $(-2, -\frac{5}{3})$ and $(-7, -\frac{130}{3})$. Then, its leading coefficient is:

    (a) -1 ✓
    (b) $-\frac{4}{3}$

(c) $-\frac{7}{3}$
(d) 3

12. **foeh3**

Consider the Lagrange interpolational polynomial of the points $(-10, 123)$, $(7, \frac{233}{3})$ and $(-1, 3)$. Then, its leading coefficient is:

(a) $\frac{4}{3}$ ✓
(b) $\frac{10}{3}$
(c) $\frac{17}{6}$
(d) 2

13. **foeh3**

Consider the Lagrange interpolational polynomial of the points $(8, -\frac{250}{3})$, $(4, -\frac{52}{3})$ and $(6, -\frac{133}{3})$. Then, its leading coefficient is:

(a) $-\frac{3}{2}$ ✓
(b) $-\frac{17}{6}$
(c) $-\frac{11}{6}$
(d) $-\frac{5}{2}$

14. **foeh3**

Consider the Lagrange interpolational polynomial of the points $(6, -20)$, $(-1, \frac{13}{6})$ and $(-10, -\frac{124}{3})$. Then, its leading coefficient is:

(a) $-\frac{1}{2}$ ✓
(b) $-\frac{5}{2}$
(c) -1
(d) $-\frac{9}{2}$

15. **foeh3**

Consider the Lagrange interpolational polynomial of the points $(0, 2)$, $(5, 42)$ and $(9, 146)$. Then, its leading coefficient is:

(a) 2 ✓
(b) -1
(c) $\frac{5}{3}$
(d) -2

16. **foeh3**

Consider the Lagrange interpolational polynomial of the points $(9, \frac{71}{2})$, $(4, \frac{19}{3})$ and $(-5, \frac{101}{6})$. Then, its leading coefficient is:

(a) $\frac{1}{2}$ ✓
(b) $-\frac{1}{2}$
(c) 1
(d) $-\frac{5}{6}$

17. **foeh3**

Consider the Lagrange interpolational polynomial of the points $(-1, -\frac{17}{3})$, $(-10, -\frac{224}{3})$ and $(-7, -\frac{137}{3})$. Then, its leading coefficient is:

(a) $-\frac{1}{3}$ ✓
(b) $\frac{7}{6}$
(c) $\frac{1}{3}$
(d) $-\frac{10}{3}$

18. **foeh3**

Consider the Lagrange interpolational polynomial of the points $(-9, \frac{214}{3})$, $(-7, \frac{124}{3})$ and $(10, \frac{328}{3})$. Then, its leading coefficient is:

(a) 1 ✓
(b) $\frac{7}{3}$
(c) 2
(d) $\frac{1}{2}$

19. **foeh3**

Consider the Lagrange interpolational polynomial of the points $(-1, \frac{14}{3})$, $(0, \frac{2}{3})$ and $(-7, \frac{338}{3})$. Then, its leading coefficient is:

(a) 2 ✓
(b) 6
(c) $\frac{3}{2}$
(d) 5

20. **foeh3**

Consider the Lagrange interpolational polynomial of the points $(-9, -281)$, $(6, -86)$ and $(0, -2)$. Then, its leading coefficient is:

(a) -3 ✓
(b) -2
(c) $-\frac{5}{2}$
(d) $-\frac{13}{3}$

21. **foeh3**

Consider the Lagrange interpolational polynomial of the points $(2, -\frac{11}{3})$, $(-4, -\frac{29}{3})$ and $(5, -\frac{56}{3})$. Then, its leading coefficient is:

(a) $-\frac{2}{3}$ ✓
(b) $\frac{5}{6}$
(c) $\frac{2}{3}$
(d) $\frac{7}{3}$

22. **foeh3**

Consider the Lagrange interpolational polynomial of the points $(-2, \frac{5}{2})$, $(-7, \frac{155}{2})$ and $(4, \frac{89}{2})$. Then, its leading coefficient is:

(a) 2 ✓
(b) 3

(c) 6
(d) -1

23. **foeh3**

Consider the Lagrange interpolational polynomial of the points $(6, -42)$, $(0, -2)$ and $(-5, -\frac{71}{3})$. Then, its leading coefficient is:

(a) -1 ✓
(b) -3
(c) $-\frac{1}{2}$
(d) 1

24. **foeh3**

Consider the Lagrange interpolational polynomial of the points $(9, -44)$, $(-2, -11)$ and $(0, 1)$. Then, its leading coefficient is:

(a) -1 ✓
(b) $-\frac{7}{3}$
(c) $\frac{1}{2}$
(d) $-\frac{4}{3}$

25. **foeh3**

Consider the Lagrange interpolational polynomial of the points $(-2, \frac{8}{3})$, $(0, \frac{2}{3})$ and $(-7, \frac{128}{3})$. Then, its leading coefficient is:

(a) 1 ✓
(b) -3
(c) $\frac{1}{3}$
(d) $-\frac{1}{3}$

26. **foeh3**

Consider the Lagrange interpolational polynomial of the points $(-5, \frac{82}{3})$, $(-6, 41)$ and $(3, 14)$. Then, its leading coefficient is:

(a) $\frac{4}{3}$ ✓
(b) 2
(c) $\frac{1}{3}$
(d) $-\frac{2}{3}$

27. **foeh3**

Consider the Lagrange interpolational polynomial of the points $(-7, \frac{190}{3})$, $(0, \frac{1}{3})$ and $(-1, \frac{10}{3})$. Then, its leading coefficient is:

(a) 1 ✓
(b) $\frac{7}{3}$
(c) 5
(d) -1

28. **foeh3**

Consider the Lagrange interpolational polynomial of the points $(0, -\frac{1}{3})$, $(-9, \frac{565}{6})$ and $(-1, \frac{13}{6})$. Then, its leading coefficient is:

(a) 1 ✓
(b) $\frac{5}{3}$
(c) -2
(d) 5

29. **foeh3**

Consider the Lagrange interpolational polynomial of the points $(6, -19)$, $(3, -4)$ and $(7, -\frac{80}{3})$. Then, its leading coefficient is:

(a) $-\frac{2}{3}$ ✓
(b) $-\frac{13}{6}$
(c) $\frac{4}{3}$
(d) -2

30. **foeh3**

Consider the Lagrange interpolational polynomial of the points $(3, -7)$, $(-4, -14)$ and $(8, -42)$. Then, its leading coefficient is:

(a) $-\frac{2}{3}$ ✓
(b) $-\frac{1}{6}$
(c) $-\frac{13}{6}$
(d) $-\frac{7}{6}$

31. **foeh3**

Consider the Lagrange interpolational polynomial of the points $(-5, \frac{68}{3})$, $(4, \frac{59}{3})$ and $(-6, 33)$. Then, its leading coefficient is:

(a) 1 ✓
(b) $\frac{1}{2}$
(c) $-\frac{1}{3}$
(d) $\frac{3}{2}$

32. **foeh3**

Consider the Lagrange interpolational polynomial of the points $(-8, \frac{113}{3})$, $(-7, \frac{169}{6})$ and $(-6, 20)$. Then, its leading coefficient is:

(a) $\frac{2}{3}$ ✓
(b) $-\frac{10}{3}$
(c) $-\frac{5}{6}$
(d) $\frac{13}{6}$

33. **foeh3**

Consider the Lagrange interpolational polynomial of the points $(-10, -78)$, $(-3, -1)$ and $(10, -118)$. Then, its leading coefficient is:

(a) -1 ✓
(b) 3

(c) $\frac{1}{2}$
(d) -4