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7. The maximum number of terms in a polynomial of degree 4 is Must NOT be copied or reproduced in any form or by any means. (a) 2 (b) 3 (c) 4 d, 5 8 The highest power of x in a quadratic (a) 4 (b) 3 (c) 2 d 1 9. Which of the following expressions is a polynomial (a) JAX+JX (b) X+1 (c) 4x2-5x+6 d) JX+1 X 10. The Mumber of Zeroe's in a quadratic polynomial are (a) 4 (b) 3 & 2 & 1 11. The zeroes of the polynomial x(x-5)(x+2) ave ave (a) 0, 5, 1 (b) 5, -1 y 0, 5, -1 y 0, 1 12. The remainder obtained on dividing the polynomial $x^3 + 3x^2 - 3x - 1$ by x - 1 is (a) 2 (b) 1 ≤ 0 d -113. If on dividing the polynomial 2x³+ax²+3x-5 by $\chi - 1$, the remainder $\hat{u} + \hat{\tau}$, the Value of \hat{u} \hat{u} \hat{u} $\hat{$

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14. If (n-1) is a factor of 4x3+3x2+Kn-6 then the Value of K is d) 2 (6) 0 (9-1 (a) | 15. Factors of x2 + 352x+4 are (a) (x-2Ja)(x+Ja) (b) (x-2Ja)(x-Ja) $(c) \left[x + 2 J_{a} \right) \left(x + J_{a} \right) (d) \left[x + 2 J_{a} \right) \left[x - J_{a} \right]$ 16. The factors of x2-x-6 are (a) (n+3)(n+2) (b) (n+3)(n-2)(c) (n-3)(n+2) (d) (n-3)(n-2)17. If x+1=2, then the value of x $\chi^2 + \int_{\chi^2} \chi^2$ (a) 4 (b) 3 G 2 d 1 18. If $\chi^2 + \perp = 11$, then the Value of χ^2 N-L is (6) 5 (9 3 d 2. (a) 4 19. Factors of $n^3 - 2n^2 - n + 2$ (a) $(x+1)(x-1)^{2}$ (b) (n-2)(n-1)(n+1)(c) $(\chi - 2)(\chi + 1)^2$ (x+2)(x-1)(x+1)(by © www.studiestoday.com. Must NOT be copied or reproduced in any form or by any means.

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20. The failing of
$$(a-b)^{+}(b-c)^{+}(c-a)^{3}$$
 is
(a) $3a^{2}b^{2}c^{2}$ (b) $3abc$
(b) $3a(a-b)(b-c)(c-a)$ (d) $3(a-b)(b-c)$
21. If $a+b+c = 0$ then $a^{3}+b^{3}+c^{3}$ is
Equal to
(a) $(a+b+c)$ (b) $3ab$ (c) $3abc$ (d) $3bc$
(a) $(a+b+c)$ (b) $3ab$ (c) $3abc$ (d) $3bc$
(a) $(a+b+c)$ (b) $3ab$ (c) $102b$ (d) -1020
23. Express 4ab as the difference of
two Equaves as
(a) $(a-b)^{2}-(a+b)^{2}$ (b) $(a+2b)^{2}-(2a+b)^{2}$
(c) $(a+b)^{2}-(a-b)^{2}$ (d) $(a+2b)^{2}-(2a+b)^{2}$
(d) $(a-b)^{2}-(a+b)^{2}$ (d) $(a+2b)^{2}-(2a+b)^{2}$
(d) $(a-b)^{2}-(a+b)^{2}$ (b) $(a+2b)^{2}-(2a+b)^{2}$
(c) $(a+b)^{2}-(a-b)^{2}$ (d) $(a+2b)^{2}-(2a+b)^{2}$
(d) $(a-b)^{2}-(a+b)^{2}$ (b) $(a+2b)^{2}-(2a+b)^{2}$
(c) $(a+b)^{2}-(a-b)^{2}$ (d) $(a+2b)^{2}-(2a+b)^{2}$
(d) $(a-b)^{2}-(a+b)^{2}$ (b) $(a+2b)^{2}-(2a+b)^{2}$
(c) $(a+b)^{2}-(a-b)^{2}$ (b) $(a+2b)^{2}-(2a+b)^{2}$
(c) $(a+b)^{2}-(a-b)^{2}$ (b) $(a+2b)^{2}-(2a+b)^{2}$
(d) $(a-b)^{2}-(a+b)^{2}$ (b) $(a+2b)^{2}-(2a+b)^{2}$
(c) $(a+b)^{2}-(a-b)^{2}$ (b) $(a+2b)^{2}-(2a+b)^{2}$
(d) $(a-b)^{2}-(a+b)^{2}$ (b) $(a+2b)^{2}-(2a+b)^{2}$
(a) $(a-b)^{2}-(a+b)^{2}$ (b) $(a+2b)^{2}-(2a+b)^{2}$
(c) $(a+b)^{2}-(a-b)^{2}$ (b) $(a+2b)^{2}-(2a+b)^{2}$
(d) $(a+b)^{2}-(a-b)^{2}$ (b) $(a+2b)^{2}-(2a+b)^{2}$
(a) $(a-b)^{2}-(a+b)^{2}$ (b) $(a+2b)^{2}-(2a+b)^{2}$
(b) $(a+2b)^{2}-(2a+b)^{2}$
(c) $(a+b)^{2}-(a+b)^{2}$
(d) $(a+2b)^{2}-(a+b)^{2}$
(e) $(a+2b)^{2}-(2a+b)^{2}$
(f) $(a+2b)^{2}-(a+b)^{2}$
(g) $(a-b)^{2}-(a+b)^{2}$
(g) $(a-b)^{2}-(a+b)^{2}$
(h) $(a+2b)^{2}-(2a+b)^{2}$
(h) $(a$

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