ATICS 10 Class Time: 30 minutes Max. Marks: 20 SECTION "A" 9Mt CE QUESTIONS) correct answer for each from ven options: -6, 4) is in quadrant: The sum of two complementary angles is: 180° 360° 100% 90° The distance of any point of a circle from its centre is called its: Radius Diameter Chord Tangent The characteristic of log 0.00226 is: If a + b = 2 and a - b = 2 then the value of $a^2 - b^2$ is: None of these If a: b:: b: c then b is called: 1st proportion Mean proportion 4th proportion None of these The additive inverse of matrix None of these None of these If log_x 81 = 4 then 'x' = 16 If the standard deviation of a series is 4, then its variance is: 36 $1 + \tan^2 \theta =$ 12. Sec² θ • Cosec² θ Sin² θ None of these If $\sqrt[n]{x} = y$, then the value of radicand 'x' is: 13. • (n)ⁿ $(y)^n$ The sum of angles of a Parallelogram is: 14. 180° 360° • 240° • 320° The I.C.M of 9x2 and 15 x is: 135x² 135x³ $45x^2$ $24x^2$ If the determinant of matrix is zero, the matrix 16. alan: Identity matrix Non-singular matrix Singular matrix The verge of given polynomial 3/(a2-b)3 is: The solution set of |y - 3| = -4 is: 18. $\{-2, -2\}$ {-1, 2} $\sqrt{1-\sin^2\theta} =$ 19. Sec 0 tan 0 Cos 0 The square root of (a - b)2 is: 20. $\pm (a-b) \circ (a-b) (a-b) \circ \pm (a+b) \circ \text{None of these}$