

## ICS Part 2 Mathematics Full Book Test Online

Sr	Questions	Answers Choice
1	Question Image	
2	Question Image	A. $5 \sin x$ B. $\cosh (5x)$ C. $5 \cosh (5x)$ D. $-5 \cosh (5x)$
3	Question Image	A. $x = 0$ B. $y = -a$ C. $y = 0$ D. $y = -a$
4	The point of intersection of internal bisectors of the angles of a triangle is called:	A. Centroid B. Ortho-centers C. Circums-center D. In-center
5	A line through a point say P perpendicular to the tangent to the curve at P is called:	A. Straight line B. Tangent line C. Normal line D. None of these
6	Question Image	A. a B. $2b$ C. b D. $2a$
7	Question Image	A. At B. Not on C. On D. None of these
8	Two arcs of two different circles are congruent if:	A. The circles are congruent B. The corresponding central angles are congruent C. Both a and b D. None of the above
9	Question Image	A. $2\cosh x$ B. $2\sinh x$ C. $2\sinh (2x)$ D. $-2\sinh (2x)$
10	Question Image	A. Scalar B. Free vector C. Unit vector D. Null vector
11	A function, in which the variable appears as exponent (power), is called a / an ----- function.	A. Constant B. Explicit C. Exponential D. Inverse
12	Question Image	
13	Question Image	A. x with respect to y B. y with respect to y C. y with respect to x D. x with respect to x
14	The symbol $  $ is used for:	A. Parallel lines B. Perpendicular lines C. Non-parallel lines D. None of these
15	If s is the distance traveled by a body at time t, the velocity is given by the expression:	
16	Question Image	A. $\operatorname{cosech} x \coth x$ B. $-\operatorname{cosech}^2 x$ C. $-\operatorname{cosech} x \coth x$ D. $\operatorname{cosech}^2 x$
17	Question Image	A. $x = a$ B. for all x C. $x = n$

18

Question Image

- A.  $f(x)$
- B.  $\ln |f(x)|$
- C.  $f'(x)$
- D.  $\ln |f'(x)|$

19

Question Image

- A. Even
- B. Odd
- C. One-one
- D. Zero

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Question Image