Date :	
- EXAM NO:3 -	
INVERSE TRIGONOMETRY	
MARKS: 68 TIME: \$ 80 Min	§
1 - value of ten-1 (ten 37) + (05-1 (cos 57) + Six1 (sin 137)	
a) \( \frac{7}{4} \) (6) \( \frac{37}{2} \) (c) \( \frac{37}{2} \) (d) \( \frac{57}{2} \)	
2 - Valuey (05" (03(-1540)) :18	
) 110° (B) -110° (C) 100° (D) 40°	
3 - value y COSec-(-2) - Sec-(-2) + Cot-(-1) is	
$\frac{1}{13} = \frac{7}{13} = \frac{7}{13} = \frac{7}{12} $	
4 - Simplied form y for (5/1+2+1) 18  A) 2 + 1 for 1x (B) 2 - 1 for 1x (C) 2 - for 1(2) (D) none	
A) 3 + 1 ton'x (B) 3 - 1 ton'x (c) 3 - ton'(2) (D) none	20
5 \ 2 for ( \f) + fer ( \f) + 2fer ( \f) - (fill in the blank)	)
6 * Value of $S_{1}n^{-1}(\frac{4}{5}) + S_{1}n^{-1}(\frac{5}{73}) + S_{1}n^{-1}(\frac{16}{65})$ is  A1 $\frac{3}{2}$ (B) $\infty$ (C) $\frac{3}{2}$ (D) $\frac{7}{4}$	
7 + Simplified form of	

(1)

TEST No. 3 Page No. for ( JI+42 - JI-42) is 2+1(05(xy) (B) 2-1 (05/xy) (C) 1(05/x2 (0) 2 - f (05/x) Q No 8 - Solution of Sin- (1-11) - 2511/2 = 3 is (A)  $\chi = 0$ ,  $\chi = 1/2$  (B)  $\chi = 1/2$  (C)  $\chi = 0$  (D)  $\chi = -1$ Over \* Simplified form y fen ( 2, + 1 (08 9) + ten ( 7 - 1 (08 9) is (1) 29 (B) 29 (C) 9 (D) none of these ON 10 + (ot / ST+51nx + ST-51nx) is equal to

M 3-7 (B) 3+7 (C) 2-7 (D) 2

On 11 = While the Simplified form of Sin (cot - (cos (ton 1x)))

Om 12 > 7 (05/(x) + (05/5) = x

then 212 + yr =?

(A) Sinta (B) 2xy Sha + (a) (C) 2xy (ax - Sin'x

(p) 2nd (ax + 51n2x

