



DEPARTMENT OF MATHEMATICS
SEM. IV (11th SEM) - 18th FEB 1988 (10:00 AM TO 12:00 PM)

Name: _____ Roll No: _____
Date: _____ Page: _____

Q.1. (a) Find the value of $\sin^{-1}(\sin \frac{\pi}{6})$.
(b) Find the value of $\cos^{-1}(\cos \frac{\pi}{4})$.
(c) Find the value of $\tan^{-1}(\tan \frac{\pi}{3})$.

Q.	ANSWER	SOLUTION		REMARKS
		1	2	
1	1	1	1	
2	2	2	2	
3	3	3	3	
4	4	4	4	
5	5	5	5	
6	6	6	6	
7	7	7	7	
8	8	8	8	
9	9	9	9	
10	10	10	10	
11	11	11	11	
12	12	12	12	
13	13	13	13	
14	14	14	14	
15	15	15	15	
16	16	16	16	
17	17	17	17	
18	18	18	18	
19	19	19	19	
20	20	20	20	
21	21	21	21	

Q.2. (a) Find the value of $\sin^{-1}(\sin \frac{\pi}{6})$.
(b) Find the value of $\cos^{-1}(\cos \frac{\pi}{4})$.
(c) Find the value of $\tan^{-1}(\tan \frac{\pi}{3})$.



18/2/88