**ASSIGNMENT NO.- 3[Ch-2 (Inverse Trigonometric Functions)]**

**Class -XII**

1. is equal to

 (a) (b) (c) (d)

2. The value of is:

 (a) (b) (c) (d)

3. is equal to

 (a) (b) (c) (d)

4. is equal to

 (a) (b) (c) (d)

5. is equal to

 (a) (b) (c) (d)

6. If ,then find value of

7. Prove that

8. Show that

9. Prove that

10. Prove that

11. Evaluate

12. Solve for ,if