**Assignment 2**

**Subject: Complex Variables and Transforms (BSI- 362 )**

**Maximum Marks=100 CLO 1/PLO 1 [Knowledge]**

**1. Determine** the set of points S where each function is continuous



**2. Determine** where **** is non analytic.

**3.** **Find**  and  . Are following functions analytic? Riemann Equations)

1. 
2. 

**4.** **Determine** and such that given functions are harmonic and find a harmonic conjugate.

1. 
2. 
3. 

**5. Find** all solutions

1. .
2. 

**6. Find** the principal value ofthe given expression

1. .
2. 