Independent University, Bangladesh

**Mathematics (Part-II)**

Time Allowed: 30 min Marks: (20)

Note: Attempt Any Two questions.

Q.1) Determine the center and radius of each of the following circles.

(a) **x2**+y2=1

(b) x2+(y-1)2 =4

(c) ( x-1)2+(y-4)2 =16

Q.2) For f(x) = , find f(x) For any x 0

Q.3) draw the circle, r = 3 cm