# numerical analysis Exam

1.The value of y’/x’ in terms of the angle 0 is given by \_\_\_\_\_\_\_\_\_\_\_\_\_ (Mark 1) ?

a) tanθ  
 b) secθ  
 c) cotθ  
 d) cosecθ

Answer: 1

Mark: 1

2. The Newton Raphson method is also called as \_\_\_\_\_\_\_\_\_\_\_\_ (Mark 1)?

a) Tangent method  
 b) Secant method  
 c) Chord method  
 d) Diameter method

Answer: 1

Mark: 1

3. If f(x) = x2-117 = 0 then the iterative formula for Newton Raphson Method is given by \_\_\_\_\_\_\_\_\_\_\_\_ (Mark 1)?

1. 
2. 
3. 
4. 

Answer: 1

Mark: 1