Northern University
Quiz-1
Set-1

Time: 30 mins

Date: 23.02.24

1. What is Continuity?
2. Find the Domain and Range: $(7-3x+12x_2)$
3. Find the limit:

   Given the function $f(x) = \{7-4x \quad x<1$

   $$\{x^2+2 \quad x \geq 1$$

Evaluate the following limits, if they exist. $\lim_{x \to -6} f(x)$

4. Find the continuity at x=2