Instr.: Woei

a. u-v

b. u-v+w

May 4, 2006

Name: Key
No Calculators.

Student ID:____

1. (6 pts) Find the Taylor series at x = 0 for $x \ln(1+x)$.

Taylor Series for
$$f(x) = \int_{K}^{\infty} \int_{K}^{\infty} f(x) dx$$
 centered at $x = 1$ is

$$\frac{d}{dx} = \int_{K}^{\infty} \frac{f(x)}{(x)} \frac{(x-1)^{K}}{(x)} dx = \int_{K}^{\infty} \frac{f(x)}{(x-1)^{K}} \frac{1}{x} dx = \int_{K}^{\infty} \frac{f(x)}{(x-1)^{K}} \frac{1}{x} dx = \int_{K}^{\infty} \frac{f(x)}{(x-1)^{K}} \frac{1}{x} \frac{1}{x} dx = \int_{K}^{\infty} \frac{f(x)}{(x-1)^{K}} \frac{1}{x} \frac{1}{x} \frac{1}{x} dx = \int_{K}^{\infty} \frac{f(x)}{(x-1)^{K}} \frac{1}{x} \frac{1}{x} \frac{1}{x} \frac{1}{x} dx = \int_{K}^{\infty} \frac{f(x)}{(x-1)^{K}} \frac{1}{x} \frac{1}$$

2. (4 pts) Copy vectors u, v, w head to tail as needed to sketch the indicated vector.