

Name: \_\_\_\_\_

Phys-102 (161)  
Quiz-1

ID#: \_\_\_\_\_

A wave travels on a string (linear mass density: 10 gm/m) in the positive x-direction under tension 1 N. with amplitude 10 mm. The source of sinusoidal disturbance is transversely oscillating at 10 Hz.

State a mathematical formula that suitably describes this wave propagation.