## 外地級の地域の

越水川

f) O) ,無移動, dion

[5.9 = <u>5xz</u> (0 ) 21

C) 5x3 - 25

b) mg= k x => k= 4x9.8+ nox = 15 6 8\*

N= = kx=) = 1568,00016 =) 1.2544.7

d) 25]+7.7]+1]:30] 17. a) 4 = 1.5 =) 9=0.9375cm





GO. SINCE P.142 41.a) F=mgh 1) (A)=) 1000 · 9.8 · 40 sm40° = 25/972.745 1) (B) = /F=Mg/XPO =) (J) 5) 0-251972.74=-251972,747 b)1)(A) >) 05 2) (a) -25/972,74J 3) -251972.74J 43. D) 125x [ = 12] X=7 e) the work that the particle done depends on the path, () M=(= - 92) (qutgh) =) ] (2/1 + 92) . (2/1 + 9/2) /=x =) \[ \big( \tau\_1 + \gamma \big) \big( \tau\_2 + \gamma \big) \]  $= \int_{1}^{9} \left( J \chi + q \chi \right) \cdot \int_{2}^{9} \left( \lambda_{3} + q \lambda \right)$  $z) \quad \chi^{2} \mid_{0}^{5} \quad + \quad \frac{1}{3} \chi^{3} \mid_{0}^{5}$ 

d) nonconservative

=) 25+ 125

=> 66.6675

=) 1 .(4.45) = 9.8 · h

$$Z_{7}^{2} = Z_{7}^{2} \cdot 0.05 \cdot 7$$

b) f = lu, n

原功一摩察後的功

07797: 5.7.1

V= 0.3277 // &

M= = 1 MO5

f= D1350- (219.8) =6,93N

7.7.0.62 - 6.93.002 = 0.279

P. 165  

$$21. (2) \frac{1}{5} m u^{2} = \frac{1}{5} \cdot 5 \cdot 8^{2}$$
  
 $= [60]$   
b) mgh:  $5.9.9.1.5$   $3.0030^{\circ} = 1.5$   
 $= 73.5]$ 

$$= \frac{2.65}{28.85} = \frac{2.6050}{28.85}$$

$$M = \frac{20.0530^{\circ}}{5.00530^{\circ}}$$

$$M = 0.6795x$$