| Name: |  |
| :--- | :--- |
| ID: |  |
| Total Score (out of 10 pts ): |  |

$-4 / 10$ points for attending-

## Question 1 (6/10 points)

The graph below shows a force-displacement curve for an object. What is the work done on the object by the force from $a_{1}$ to $a_{2}$ ?


