XE 71

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QUESTION: A spring mass system is shown in the figure . Take the value of acceleration due to gravity as $g = 9.81m/s^2$.The static deflection due to weight and the time period of the oscillations,respectively,are
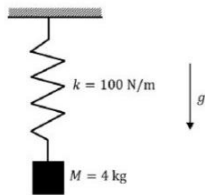

$k = 100$ N/m

g

$M = 4$ kg

Fig. 0.