

# 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  $g = 9.81 m/s^2$ . The static deflection due to weight and the time period of the oscillations, respectively, are

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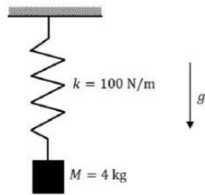


Fig. 0.