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## Conceptual Questions

5.1.



Two forces are present, tension  $\vec{T}$  in the cable and gravitational force  $\vec{F}_G$  as seen in the figure.

5.2.



Four forces act on the block: the push of the spring  $\vec{F}_{sp}$ , gravitational force  $\vec{F}_G$ , a normal force from the table top  $\vec{n}$ , and a kinetic frictional force due to the rough table surface  $\vec{f}_k$ .

5.3.

# Physics For Scientists And Engineers Knight Solutions Manual

**Pawan Kahol**



## **Physics For Scientists And Engineers Knight Solutions Manual:**

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