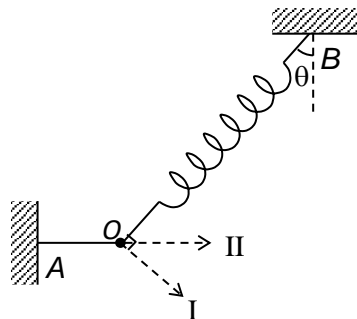5	A small object at O is kept in static equilibrium by a horizontal thread OA and a light spring OB which makes an angle $\theta$ with the vertical as shown below.



If the thread is suddenly cut, what are the direction and magnitude of the acceleration of the object at that instant?

|   | Direction | Magnitude |
|---|-----------|-----------|
| A | I | $g\sin\theta$ |
| B | I | $g\tan\theta$ |
| C | II | $g\sin\theta$ |
| D | II | $g\tan\theta$ |