

***Problems for the FE Exam (CD-ROM)***

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**Each Discipline: Tutorial Mode and Test Mode/AM Test/Hint and Solution**

**Question 26.** The correct answer is:

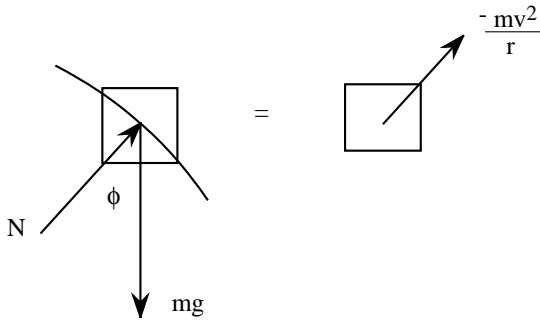
It varies inversely as the square of the distance to the charge.

**ERRATA for**  
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**Question 1.** The correct answer is *underdamped*.

**Question 19.** The hint and solution should be written as follows:



$$\frac{-mv^2}{r} = N - mg \cos(\phi)$$

$$N = m \left( \frac{-v^2}{r} + \frac{4}{5}g \right)$$

$$N = 0.1 \left( \frac{-5^2}{5} + \frac{4}{5}9.81 \right)$$

$$N = 0.285$$

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**Environmental Discipline: Tutorial Mode and Test Mode/PM Test/Solution**

**Question 6.** The correct answer is (A). The EPA-preferred hierarchy is:

Pollution prevention–waste minimization

Recycle–reuse

Treatment

Disposal