

**Q.** As observed from the earth, the sun appears to move in an approximate circular orbit. For the motion of another planet like mercury as observed from the earth, this would

- (a) be similarly true
- (b) not be true because the force between the earth and mercury is not inverse square law
- (c) not be true because the major gravitational force on mercury is due to the sun
- (d) not be true because mercury is influenced by forces other than gravitational forces