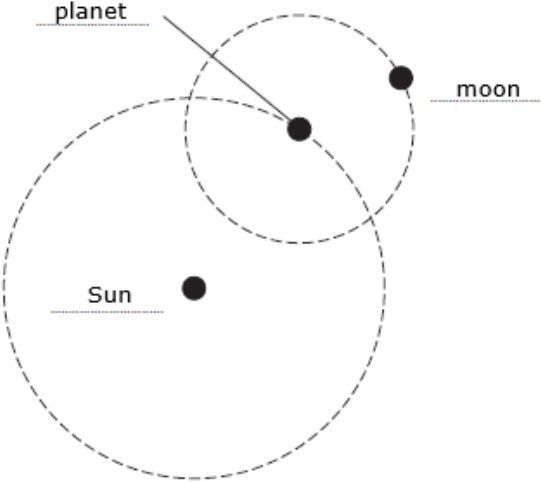


| Question number | Answer | Notes | Marks |
|-----------------|--|--|-------|
| 1 (a) | gravitational (force); | allow gravity, gravitational pull, gravity pull ignore centripetal force reject gravitational potential, gravitational field strength | 1 |
| (b) (i) |  <p>any 1 correct label; all three correct;;</p> | allow Earth for planet allow star for Sun | 2 |
| | (ii) time period of moon is shorter; idea that it travels a shorter distance / orbital radius is smaller; | however expressed allow RA ignore 'moon travels faster' allow RA allow 'orbit of moon is smaller' ignore unqualified 'smaller circumference', 'smaller radius/diameter' | 2 |

Total for question 1 = 5 marks