

**Q10** Proteus, a satellite of Neptune, has a density between those of Jupiter and Saturn. Select from the key the *one* statement that is a CORRECT conclusion from this observation.

KEY for Q10

- ☒ A Proteus must have a similar composition to Jupiter and Saturn, that is mainly hydrogen and helium. ☒
- ☒ B Proteus was formerly a satellite of Jupiter or Saturn and has been captured by Neptune. ☒
- ☒ C Proteus contains a greater proportion of heavier elements than Saturn and Jupiter. ☒ ☒
- ☒ D Proteus contains a higher proportion of heavy elements than Saturn but less than Jupiter. ☒
- ☒ E Proteus was formed in the solar nebula between Jupiter and Saturn. ☒

Pencil across *one* cell in row 10.