

- 33** Two lamps are connected in series to a 250V power supply. One lamp is rated 240V, 60W and the other is rated 10V, 2.5W.

Which statement most accurately describes what happens?

- A** Both lamps light at less than their normal brightness.
- B** Both lamps light at their normal brightness.
- C** Only the 240V lamp lights.
- D** The 10V lamp blows.

- 34** Which equation is used to define resistance?