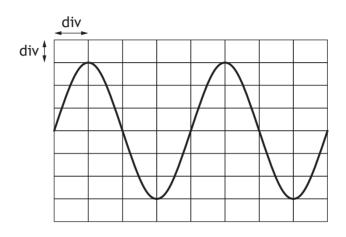
**16.** The output from an a.c. power supply is connected to an oscilloscope. The trace seen on the oscilloscope screen is shown.



The Y-gain setting on the oscilloscope is  $1.0 \,\mathrm{V/div}$ .

The r.m.s. voltage of the power supply is

- A 2.1 V
- B 3.0 V
- C 4.0 V
- D 4.2 V
- E 6.0 V.