

**16** In some circumstances, resonance is useful and in others it is a nuisance.

What is a useful example of resonance?

- A** The air column in a clarinet resonates when air is blown over the reed.
- B** The rear-view mirror of a car resonates at a particular engine speed.
- C** A suspension bridge resonates in a gusting wind.
- D** An ornament placed on a loudspeaker cabinet resonates when a particular note sounds.

