

- 17** Which one of the following effects provides direct evidence that light is a transverse, rather than a longitudinal wave?
- A** The brightness of the illuminated smartphone screen changes when looking at it through a polarising sheet.
 - B** Light is diffracted in a Young's Double slit experiment.
 - C** Lightning is seen before thunder is heard.
 - D** Light can cause emission of electrons from the surface of a metal.