

- 30** Why can an observable interference pattern **never** be obtained between two monochromatic beams of light from different lamps?
- A** The frequency of the light from the two lamps can never be the same.
 - B** The light from the two lamps can never be coherent.
 - C** The temperature of the filaments of the two lamps used can never be the same.
 - D** The wavelength of the light from the two lamps must always be different.