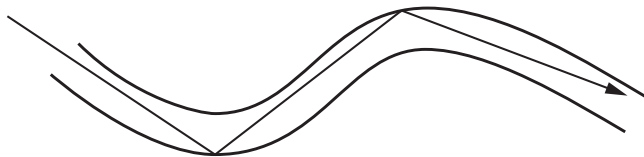


**20** The diagram shows a ray of light in an optical fibre.



Which statement correctly explains the condition for the maximum transmission of light by the optical fibre?

- A** The glass must slow the light as little as possible to make the critical angle for the fibre as large as possible.
- B** The glass must slow the light as little as possible to make the critical angle for the fibre as small as possible.
- C** The glass must slow the light as much as possible to make the critical angle for the fibre as large as possible.
- D** The glass must slow the light as much as possible to make the critical angle for the fibre as small as possible.