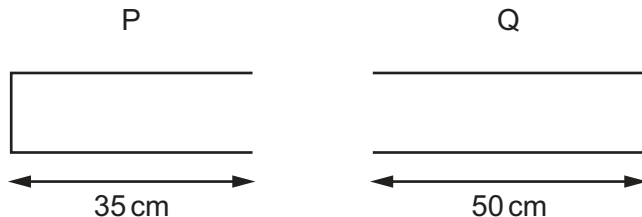


- 27** Progressive sound waves of wavelength 20 cm enter the air columns in a closed pipe P and an open pipe Q. The lengths of the pipes are shown.



In which pipe or pipes are stationary waves formed?

- A** P and Q
- B** P only
- C** Q only
- D** neither P nor Q

- 28** What happens when waves pass through a gap equal to their wavelength?