

22 An observer hears a sound wave emitted from a moving source.

The observed frequency is less than the frequency of sound emitted from the source.

What could be the reason for this?

- A** The source is moving away from the observer.
- B** The source is moving towards the observer.
- C** The speed of the sound wave in air decreases due to the movement of the source.
- D** The speed of the sound wave in air increases due to the movement of the source.