

7	<p>D is the correct answer as coherence can only occur if the waves have the same frequency</p> <p>A is not the correct answer as coherence does not require waves to be in antiphase, they just need a constant phase difference</p> <p>B is not the correct answer as coherence does not require waves to be in phase, they just need a constant phase difference</p> <p>C is not the correct answer as waves can still be coherent, even if their amplitudes are different.</p>	(1)
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