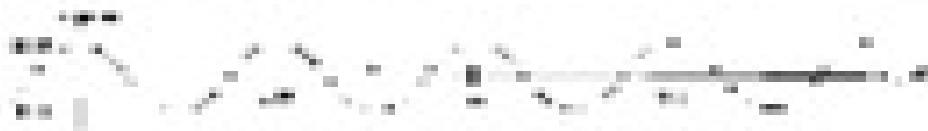


1. Through which of the following is the general solution of the given differential equation obtained?



- a. Characteristic equation of the wave
- b. Characteristic equation of the wave
- c. Characteristic frequency of the wave
- d. Characteristic period

2. A particle is moving with a constant velocity of 10 m/s.

- a. What is the frequency?
- b. What is the period?
- c. What is the wavelength?
- d. What is the amplitude?

3. What is the frequency of a wave that has a period of 0.5 s and a wavelength of 10 m?

4. A wave is moving with a constant velocity of 10 m/s. What is the frequency of the wave if the period is 0.5 s and the wavelength is 10 m?

5. A wave is moving with a constant velocity of 10 m/s. What is the frequency of the wave if the period is 0.5 s and the wavelength is 10 m?

- a. Characteristic equation of the wave
- b. Characteristic frequency of the wave