

- 22** Wave-power generators take advantage of the energy that is transferred by the motion of waves across the surface of the oceans. The energy of a wave depends on its amplitude.

What is the correct definition of amplitude?

- A** the average amount of energy possessed by a wave
- B** the difference in displacement between a peak and a trough
- C** the maximum displacement of a point on the wave from equilibrium
- D** the number of oscillations of a wave that occur per second