

85. The swing of a spinning cricket ball in air can be

explained on the basis of-

- (A) Sudden change in wind direction.
- (B) Buoyancy of air.
- (C) Turbulence caused by wind.
- (D) Bernoulli's theorem.
- (E) None of the above / More than one of the above

86. Why two thin shirts can keep us warmer than a single

thick shirt in winter ?

(A) Two thin shirts become thicker so prevent

transmission of heat

(B) Air layer between two shirts works as good

conductor

(C) Air layer between two shirts behaves like insulating

media

(D) No radiation of heat takes place

(E) None of the above / More than one of the above

87. Which layer of the earth's atmosphere reflect back the

radio waves to the earth's surface ?

(A) Ionosphere

(B) Stratosphere

(C) Mesosphere

(D) Exosphere

(E) None of the above / More than one of the above

88. Sound cannot pass through-

(A) Water

(B) Steel

(C) Air

(D) Vacuum

(E) None of the above / More than one of the above

89. In a photocell light energy is converted into-

(A) Potential energy

(B) Chemical energy

(C) Heat energy

(D) Electrical energy

(E) None of the above / More than one of the above

90. A storm is predicted if atmospheric pressure-

(A) Rises suddenly

(B) Rises gradually

(C) Falls suddenly

(D) Falls gradually