Three Dimensional Coordinate Systems

Question

Which of the following statements is(are) true about the set of points (x, y, z) that satisfy the equation $y = x^2$?

- I. The set is a surface in space.
- II. The set lies in the xy-plane.
- III. Any number can occur as the z-coordinate of a point in the set.

- A. I only.
- B. II only.
- C. I and III only.
- D. II and III only.
- E. None of these.