

12 A stone at the end of a string is whirled in a vertical circle at a constant speed.

Which of the following statements is correct?

- A** The tension in the string stays constant.
- B** The tension is least when the stone reaches the bottom of the circle.
- C** The weight of the stone is always the centripetal force.
- D** The tension is greatest when the stone is at the bottom of the circle.

