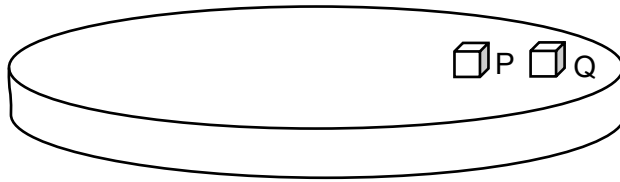


- 9 Two identical objects rest on a flat rough horizontal circular disc.



The disc starts from rest and starts spinning about its central axis with increasing rate. When the disc spins at a certain rate, one of the objects slides off the disc.

Which of the following statements is correct?

- A The friction experienced by P and Q are always equal.
- B P experiences larger friction than Q.
- C Q will start to slide first due to larger angular velocity.
- D Q will start to slide first due to larger radius.