

ASSERTION AND REASONING

- (a) Both A and R are true and R is the correct explanation of A.
- (b) Both A and R are true and R is not the correct explanation of A.
- (c) Assertion (A) is false but Reason (R) is true.
- (d) Assertion (A) is true but Reason (R) is false.

1. Assertion (A): The successor of 2005 is 2006.

Reason (R): The successor is the number which comes after a given number.

2. Assertion (A): $\frac{4}{7}$ is obtained when we divide a whole into seven equal parts and take four parts.

Reason (R): A fraction is a number representing part of a whole.

3. Assertion (A): $\frac{13}{7}$ is a proper fraction.

Reason (R): Proper fraction is a fraction whose numerator is smaller than its denominator.

4. Assertion (A): 180° and 360° are reflex angles.

Reason (R): An angle whose measure is greater than 180° but less than 360° is termed as a reflex angle.

