

1. **Assertion** : Earth exhibits rotatory motion.
Reason : It moves around an axis passing through it.
2. **Assertion** : The beating of heart is repetitive.
Reason : The beating of heart is a type of periodic motion.
3. **Assertion** : Something that appears to be in motion in relation to one observer may appear to be at rest in relation to another observer.
Reason : Motion is relative.
4. **Assertion** : Use of cubit while measuring the length of an object gives inconsistent result.
Reason : The size of cubit varies from person to person.
5. **Assertion** : Use the 0-mark if the ends of the ruler scale are worn out.
Reason : Use of 0-mark on worn out scale does not give us accurate result.
6. **Assertion** : The SI system of units is uniform.
Reason : The SI unit of length is kilometres.
7. **Assertion** : The skill of estimation is important for all of us in our daily life.
Reason : The skill of estimation reduces our consumption of time.
8. **Assertion** : The distance between two celestial bodies is measured in the unit of light year.
Reason : One light year is defined as the total distance travelled by the light in one year.
9. **Assertion** : Motion of a pendulum is periodic.
Reason : Motion of the bob of the pendulum repeats itself after a fixed interval of time.
10. **Assertion** : Boats and ships are able to sail through water easily.
Reason : Boats and ships have streamlined shapes that help them to cut through water easily.