

- (a) *If both assertion and reason are true and reason is the correct explanation of assertion.*
(b) *If both assertion and reason are true but reason is not the correct explanation of assertion.*
(c) *If assertion is true but reason is false.*
(d) *If assertion is false but reason is true.*

1. **Assertion** : Magnetite is an electromagnet.
Reason : Artificial magnets are stronger than natural magnets.
2. **Assertion** : We should not rub similar poles of two magnets.
Reason : Rubbing of similar poles leads to demagnetisation.
3. **Assertion** : Most of the iron filings stick to the magnet at the ends.
Reason : Magnetic strength is maximum on the poles of a magnet.
4. **Assertion** : We can never have an isolated north pole or south pole.
Reason : Unlike poles attract and like poles repel each other.
5. **Assertion** : The region around a magnet where its magnetic influence is felt is called magnetic field.
Reason : Magnetic influence of a magnet is maximum at its centre.
6. **Assertion** : Alloys of magnetic substances are used to make artificial magnets.
Reason : Alloys make the magnets strong.
7. **Assertion** : Repulsion, is the surest test of magnetism.
Reason : Like poles of magnets repel each other.
8. **Assertion** : A magnet can attract a copper wire.
Reason : Copper is a non-magnetic material.
9. **Assertion** : Magnets should be placed in keepers.
Reason : Keepers prevent self-demagnetisation of magnets.
10. **Assertion** : Doctors use an electromagnet to remove particles of iron or steel from a patient's eye.
Reason : An electromagnet is a temporary magnet.