## Unit 8

## Magnetism

Sr. No	Questions	A	В	С	D
1	Which one of the following is not a magnetic material?	Cobalt	Iron	Aluminium√	Nickel
2	Magnetic lines of force:	are always directed in a straight line	cross one another	enter into the north pole	enter into the south pole
3	Permanent magnets cannot be made by:	soft iron√	steel	neodymium	alnico
4	Permanent magnets are used in:	circuit breaker	loudspeaker√	electric crane	magnetic recording
5	A common method used to magnetise a material is:	stroking√	hitting	heating	placing inside a solenoid having A.C current
6	A magnetic compass is placed around a bar magnet at four points as shown in the figure below. Which diagram would indicate the correct directions of the field?	<ul><li>→</li><li>←</li></ul>		C → ← ← ← ← ← ← ← ← ← ← ← ← ← ← ← ← ← ←	<b>⊕</b> <b>⊕ № ⊕</b>
7	A steel rod is magnetized by the double touch stroking method. Which one would be the correct polarity of the AB magnet?  Permanent Permanent Magnet Steel bar	N S	s Z	N SS N	S NN S
8	The best material to protect a device from external magnetic field is:	wood	plastic	steel	soft iron√

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