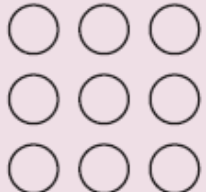
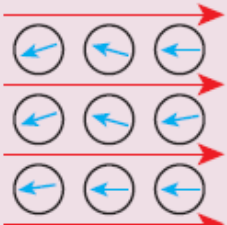
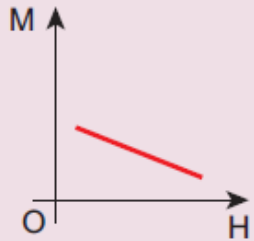

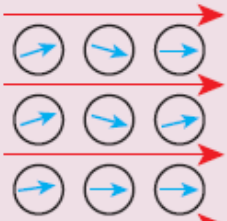
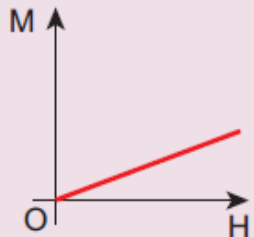

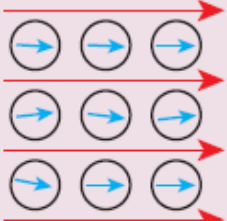
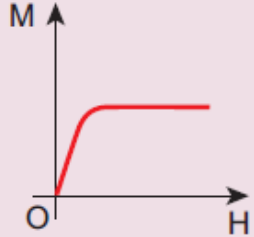


Different types of magnetism

Type of magnetism	Magnetising field is absent ($H = 0$)	Magnetising field is present ($H \neq 0$)	Magnetisation of the material	Susceptibility	Relative permeability
Diamagnetism	 <p>(Zero magnetic moment)</p>	 <p>(Aligned opposite to the field)</p>		Negative	Less than unity
Paramagnetism	 <p>(Net magnetic moment but random alignment)</p>	 <p>(Aligned with the field)</p>		Positive and small	Greater than unity
Ferromagnetism	 <p>(Net magnetic moment in a domain but random alignment of domains)</p>	 <p>(Aligned with the field)</p>		Positive and large	Very large