





Q 4.A paramagnetic material has 10 atoms/m 1 its magnetic susceptionity at
temperature 350K is 2.8×10^{-4} . Its susceptibility at 300K is:
(a) 2.672×10^{-4}
(b) 3.726×10^{-4}
(c) 3.267×10^{-4}
(d) 4.172×10^{-4}

Q 5. At a temperature of 30 °C, the susceptibility of a ferromagnetic material is found to be χ . its susceptibility at 333 °C is

(a) χ	(b) 0.5χ
(c) 2χ	(d) 11.1χ





Q 6. The hysteresis curve for a material is shown in the figure. Then for the material retentivity, coercivity and saturation magnetization respectively will be:







Answer Key

Q.1	d	Q.2 a	Q.3 c	Q.4 c	Q.5 b
Q.6	C	Q.7 c	Q.8 b	Q.9 b	Q.10 d

PRATER JAMA PRATESALOUNCS PHYSICS