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	88	8.a) Explain origin of magnetic moment in magnetic materials.b) What are the applications of superconductivity?OR						[5+5]	
pt.		9.a) Write a short note on properties of anti-ferro and ferri magnetic materials. b) Distinguish between dia, para, ferro magnetic materials. 10.a) Explain characterization of nanomaterials by using XRD. b) Discuss CVD method for the preparation of nanomaterials. OR 11.a) Explain PVD method for the preparation of nanomaterials. b) With neat diagram explain Ball Mill method.					c materials.	(5+5] [4+6]	18
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