Paper: ABB Placement Paper (Quantitative & PCM)  
  
1. About 10 quanti questions ( based on Mixture, Work etc. of very easy type)  
  
2. What is GDP ?  
  
3. Vector algebra, codition for Co-planer vector etc.  
  
4.  Gravitation, geo-synchronous satellite( it's hight, orbit , radius etc.), escape velocity, how g (gravitational accln) varies, about gravitational potential.  
  
5. Basic electricity and Magnetism----Biot-savart law, current carrying conductor properties.  
  
6. Nuclear physics, Bohr's constant, and Other theories related .  
  
7. Problem based on VIBGYOR , how wave length and frequency is varying.  
  
8. Questions based on Plank's Theory, E =hv  
  
9. V=u + at , V2=u2 + 2as and W = mgh questions based on above theory  
  
10.  Faraday's laws of electrolysis, m = Zit  
  
11. Heat conduction problem.  
  
12. Co lour-coding of resistor (BBROYGBVGW)  
  
13. How velocity of light changes in different medium while frequency remain unchanged.  
  
14. statistics , calculation of mode, co-efficient regression (3-4 Questions)  
  
15. f(x) = Sin x + Cos x, find the maximum value of the function.......Ans: sqrt (2)  
  
16. Formulae for parallel plate capacitor and force between plate Comments