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1. About 10 quanti questions (based on Mixture, Work etc. of very easy type)
2. What is GDP ?
3. Vector algebra, condition 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. $V = u + at$, $V^2 = u^2 + 2as$ 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 plates.

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