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Class 11Sc      Sub Physics (Unit 02)      Date 29 08 2020

Dear Students, Today you have to answer the following questions based on study material sent:-

**(1) Write down the dimensional formula of the following :-**

- (a) Density**
- (b) Speed,**
- (c) Acceleration,**
- (d) Force,**
- (e) Momentum,**
- (f) Pressure,**
- (g) Power,**
- (h) Work,**
- (i) Impulse,**
- (j) Gravitational Constant.**

**(2) State the uses of dimensional formula. How will you convert the SI unit of force into its CGS unit dimensionally.**

**(3) Write down the limitations of dimensional analysis.**

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