(19) We know that [force]=MLT-2

[Time] = T

-: FXT= [F][T] = MLT2T = MLT1 which is dimensional formula for smpulse.

(FXL)- [F] X[L]

= MLT2 XL = ML2 T-2 which is

demensional formula for work Energy.

Goven $FL^{-1}T^2 = [F][L^{-1}][T^2]$ $= MLT^2L^{-1}T^2$ = M.

(17)

(1822] = (c-1) = which in dimensional

Bc-1

formula for freequency Because chenokes

Time += f

(§)

$$X - Force = [x] = MLT^{-2}$$

 $Y - Resource = [y] = ML^{-3}$
 $A - Area = [z] = L^{2}$
 $\therefore [\frac{2yz}{x}] = [2] [y][z]$

L Task

$$\frac{PQ}{P} = \frac{CP3EQ3}{(P3)} = \frac{MLT}{M2FL} = L^{-1}TH$$

$$= (LT+1)^{-1} = Q^{-1} \Rightarrow 1XQ^{-1}$$