Name: Sanam Soitam Jena (10454295) $\frac{\lambda_0 \int 100 \text{ MHz sine wave}}{\lambda = C} = \frac{3 \times 10^8 \text{ m/s}}{3 \times 10^8} = \frac{3 \times 10^8 \text{ m/s}}{$ 3) Size of Antenna f = 60 Hz $A = C_{-} = 2 \times 10^{8} = 5 \times 10^{6} \text{ m}$ f = 60Antenna length = 1 $A = 20^{\circ} 2.5 \times 10^{6} = 2560 \text{ km}$

