Teacher Name: **Ali** Class: **8** Subject: **Mathematics**  Date:- **8th February 2020**

QNo.1: Convert the following into standard form,

1. 0.000000085
2. 88210000
3. 518600
4. 343 x 10-9
5. $\frac{150}{200}$x 106

QNo.2: Convert the following into ordinary/unusual form,

1. 4.50 x 10-6
2. 5.76 x 10-4
3. 3 x 108
4. 7.3050 x 105
5. 107

QNo.3: The radius of earth is 6.4 x 106 meters; convert this value in kilometers (km).

QNo.4: The mass of proton is 1.672 x 10-18 micrograms (µgm), express this in Kilograms (kg)

QNo5: The storage capacity of Ahmed’s hard drive is 64 Gigabytes; convert this value into Megabytes and Terabytes.

QNo.6: The frequency of Microwaves is **a** Gigahertz**, (a=3 x 1010 GHz)** and that ofX-raysare **b** Terahertz, **(3 x 104 THz**), answer the following,

1. The value of **a** and **b** in Hertz and Megahertz (MHz).
2. Express a as a percentage of b.