**Assignment I**

1. Draw Hubble’s tuning fork diagram for the morphology of galaxies and also

give a short introduction on it. 5

1. Draw the edge on view of the Milky Way. 5
2. Write a short note on active galaxy. 5
3. Write about the existence of black holes in galaxies. 5
4. Define the terms CS and ecliptic. 5
5. What do you mean by vernal equinox and autumnal equinox? 2+3=5
6. What do you mean by distance ladder measurement technique? 5