

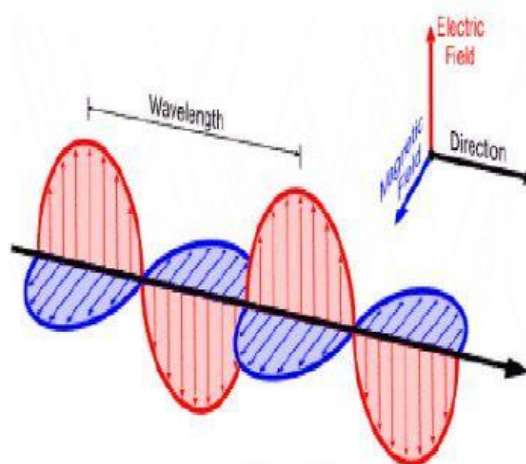
2.12 Study of Space by the Electromagnetic Spectrum



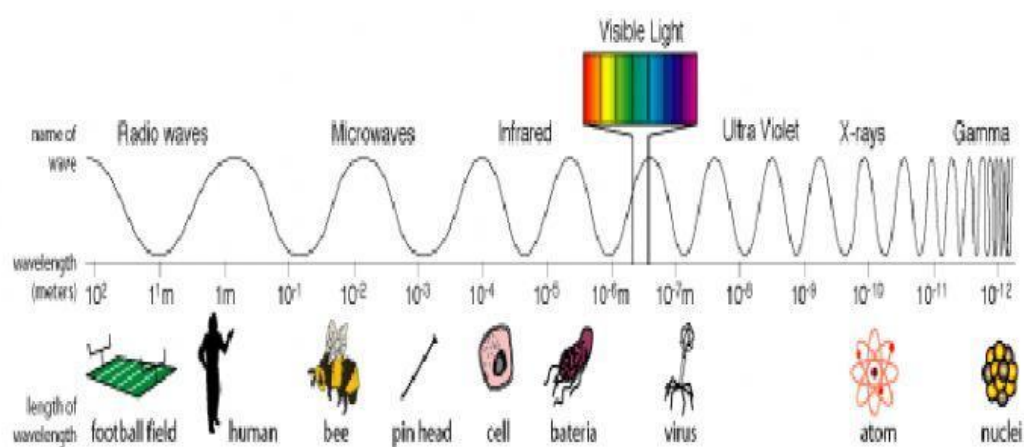
[Figure 1]



[Figure 2]



[Figure 3]



[Figure 4]

1. What is the electromagnetic spectrum?
2. What type of waves have the shortest wavelengths?
3. What type of waves have the longest wavelengths?

4. What do electromagnetic waves transmit?

5. Define wavelength.

6. Define frequency.

7. What type of waves have the lowest frequency?

8. What is the visible light region?

9. How is colour produced?

10. What do scientists use the electromagnetic spectrum for?