SOURCE CLASSES AND WAVEBANDS

1) For the following set of source classes, describe which wavebands are best to investigate their properties, and briefly describe how the emission in each waveband is generated by that source class.

   a) Active Galactic Nuclei
   b) Galaxy Clusters
   c) Distant Stars
   d) Extrasolar Planets
   e) Supernova remnants
   f) Pulsars
   g) Interstellar Medium

2) What are the most common frequency and energy units for each of the following wavebands?

   a)Radio
   b) Microwaves
   c) Optical
   d) Gamma rays

3) What does the term “non-thermal radiation” mean?