Name: _____ Date: _____ Period: _____

Harvard Classification Notes

1. Apparent Magnitude is:

2. An intrinsic property of a star is:

3. What are some examples of intrinsic properties a person could have?

4. The Harvard classification scheme uses _____ to classify stars.

5. What 7 letters were used in the Harvard classification scheme?

   ____ ____ ____ ____ ____ ____ ____

6. An easy way to remember the order of the letters is by using the mnemonic:

   _____
   _____
   _____
   _____
   _____ / _____
   _____
   _____

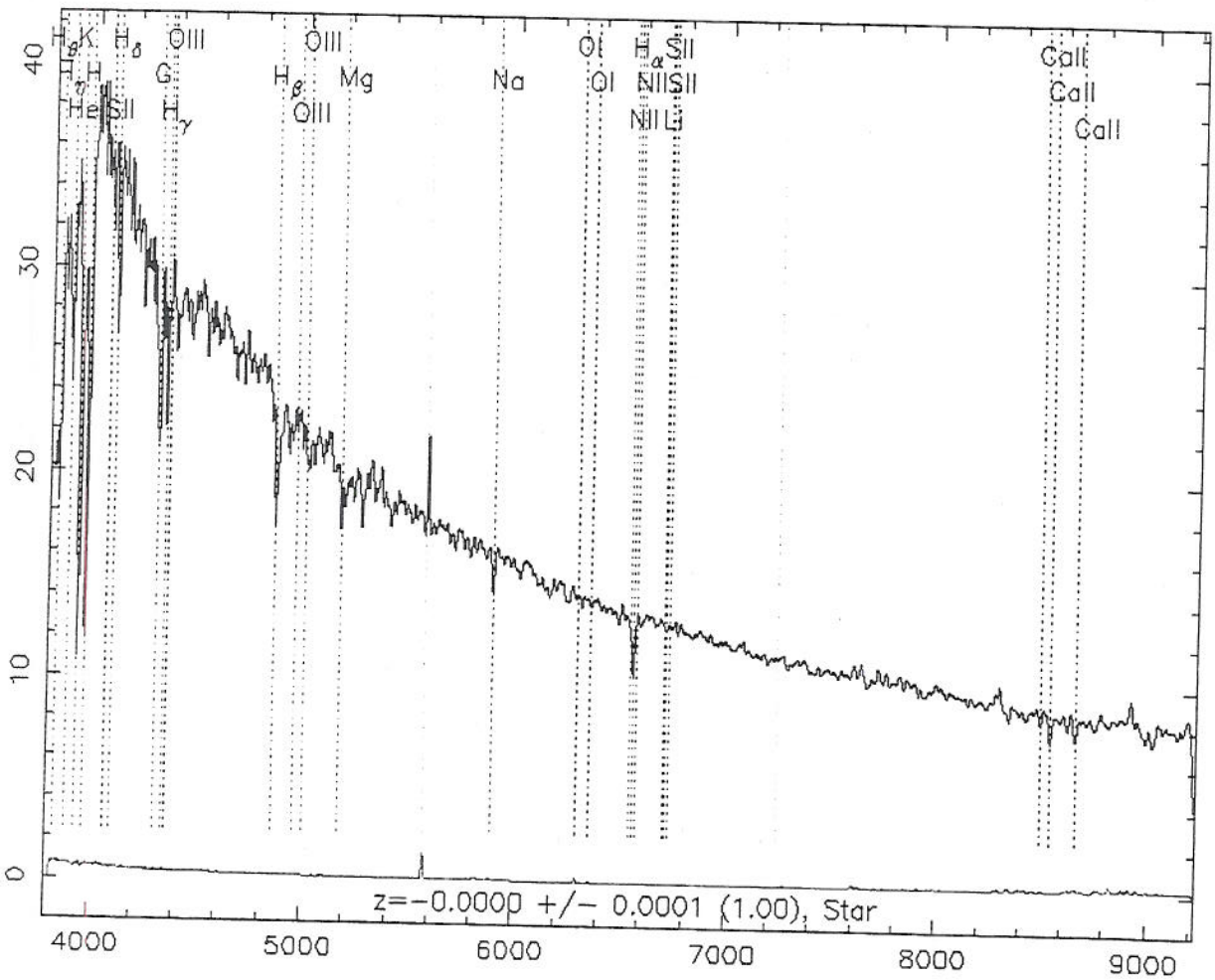
7. Hot stars are _____ and cold stars are _____.

8. Rank these 4 stars in order from hottest to coldest: A7, G2, B1, B9

9. Fill in the table below with the spectral type and corresponding temperature range, starting with the hottest spectral type on top:

Spectral Type	Temperature (Kelvin)

10. Label the axes to the digital spectra below.



11. Draw an arrow to 1 absorption lines in the above spectrum.

12. What is noise?