Unit 2 – Ch 5.1 – Wave Properties & Atomic Spectra

| WAVE PROPERTIES: | AVE PROPERTIES | : |
|------------------|----------------|---|
|------------------|----------------|---|

| - Trave | <u>length</u> – Lamda (|) – | | |
|----------------|---|---------------------------|--|-----|
| 0 | Unit = | | | |
| • <u>Frequ</u> | <u>ency</u> – Nu () – | | | |
| 0 | Unit = | | | |
| • | of wa | avelength and frequ | ency = | |
| 0 | C = Speed of Light: _ | | | |
| 0 | FORMULA: | | | |
| • | | _ Proportional: | | |
| 0 | As wavelength | | _, frequency | |
| | | d? | | |
| | ate the frequency of a | photon (light) with | a wavelength of 4.34 x 10 ⁻⁷ m. | |
| | | photon (light) with | a wavelength of 4.34 x 10 ⁻⁷ m. | |
| | ate the frequency of a | photon (light) with | a wavelength of 4.34 x 10 ⁻⁷ m. | |
| | ate the frequency of a | photon (light) with | a wavelength of 4.34 x 10 ⁻⁷ m. | |
| | ate the frequency of a | photon (light) with | a wavelength of 4.34 x 10 ⁻⁷ m. | |
| • Einste | ete the frequency of a sype of wave is emitte | photon (light) with d? | a wavelength of 4.34 x 10 ⁻⁷ m. | nat |