| Date. | | |
|--|---------------------------|---|
| Day:- | | |
| - | | |
| | LI TR | |
| | Compasison b/W IR | |
| | Competes. | |
| | & Ramoin Spectra:- | |
| | | |
| | | |
| | 4 | Raman Spectsa |
| | Intra red spectra | VVC) |
| _ | | N is due |
| | It is due to absorption | • 90 |
| - | | to scattering |
| | of sadiation by the | W Scattering |
| - | | of Vissadiation |
| | 110000110 | |
| _ | | y the vibrating |
| | | The vibralian |
| | | molecules. |
| | According to Selection | minimum series |
| | | |
| | Rule: | |
| | 20 the | Polarizability of |
| | Dipole moment of the | 10000 |
| | the late change | the molecules |
| | molecules changes. | |
| | | Changes. |
| | | U U |
| | For IR, water cannot | 1. For Raman, |
| 0 | 100 | 100 |
| | be used as a | water can be |
| | | |
| | Solvent. | Jused as a |
| | PUAL | <i>t t t</i> |
| | | Solvent. |
| | 1 -0 -11 | 1 2 1 : 0 |
| | In IR, Dilute Solution | But in Raman, |
| | | uncentrated Solution |
| | are used. | ancentiales selection |
| | | are used. |
| | | we well. |
| | condition i.e. purity and | In Raman, substance |
| | | |
| | impurity of the substance | e must be pure |
| | | 경기에 많은 이번 경험이 모르겠다면 보다 가장 모르겠다면 보다 그 때문에 다른 사람들이 되었다. |
| 15 1 100 to 1 t o 1 to | is not sigid. | and colomiess. |
| | | |

Day: In IR spectrosupy, In homonucilear dialomic diatomic molecule molecules are in are in active non active modes bez modes due to there is no dipole the polarizability moment. · In Raman In IR spectroscopy Method is accurate spectroscopy, Method is less accusate sensitive. and less sensitive. In Raman, In IR, optical system aptical system is made special crystal like Glass 08 NaBs, CaF2 quartz. No need 708 Need 708 specific sample specific sample Prepartion. Preparation. · Provide information Provide information of the ionic of the avalent characteristics of characteristics of molecules. the molecules.