

CHEM-E4120 Quantitative Instrumental Analysis
Examination 21.10.2016

Give answers **only to 4 questions** on the basis of your own choice:

1. Photon detectors of visible and UV light?
2. Wavelength dispersive elements/devices in analytical instruments?
3. Principles of photoluminescence?
4. X ray fluorescence methods based on excitation by X ray tube or electron beam?
5. Compare HPLC and capillary electrophoresis methods with each other.