

شفوى رابعة جىولوجيا كىمىاء كىمىاء فىزىائىة (ضوءىة واهزة طىفىة)
(٤٢٤ ك) - د/ فرىد شوقى

أجب عما ىاتى باختصار

- 1- A solid has a cubic structure in which x atoms are located at the corner of cube and y atoms are at cube center and O atoms are at edge centers. What is the formula of the compound?
- 2- Most crystals that show good cleavage because their atoms, ions or molecules are
 - (a) weakly bonded together
 - (b) strongly bonded together
 - (c) spherically symmetrical
 - (d) arranged in planes
- 3- Potassium crystallizes in a bcc lattice. What is the number of unit cells in 3.9 g of K. Atomic weight of K = 39.
- 4- What is the difference between a single-beam and a two-beam photometer?
- 5- What is an IR-inactive vibration?
- 6- What parts does an AAS-Spectrometer consist of?
- 7- Describe possibilities of atomization