Salahaddin University College of Science Practical Examination Earth Sciences & Petroleum Department 4th class/ Mining geology time 60 minutes

- 1. What are the main factors that affect the choice of mining method for a particular deposit?
- 2. How do geologists use drilling and sampling to identify potential mineral deposits?
- 3. What are the different types of geological maps used in mining exploration, and how are they used?
- 1. What are the advantages and disadvantages of underground mining versus open-pit mining?
- 2. How does room-and-pillar mining differ from cut-and-fill mining?
- 3. What are the key considerations when selecting a mining method for a particular deposit?
- 1. What are the different types of drilling equipment used in mining, and how do they operate?
- 2. How do haul trucks and conveyor belts work together to transport ore and waste rock in a mine?
- 3. What are the key safety features of mining equipment, and how do they prevent accidents?