

- 1- What is different between plunge and pitch
- 2- What is the difference between plunged and non-plunged folds? 3- Compare between dip angle and plunge.
- 4- Give three example of planar structural element. 5- Give three example of linear structural elements 6- The dip angle range between ..... And .....
- 7- The strike direction range between ..... And .....
- 8- There are two main methods of writing strike and trend. Describe them briefly.
- 9- What is the difference between strike and trend? 10-How you can determine strike lines on the maps? 11-How you can calculate dip angle on the maps?
- 12-Draw a sketch of normal fault and indicate hade and dip? 13-What is the heave and throw?
- 14-How can you determine vertical displacement of the fault? 15-Explain steps for calculate plunges on the map
- 16-How you can differentiate between plunged and non-plunged fold s on the map?
- 17- A vein that strikes  $N40^{\circ}E$  and dips  $40^{\circ}NW$  intersect a vein that strikes  $S30^{\circ}E$  and dips  $55^{\circ}NE$ . Draw the projection of the intersection of the two vein (a): on a horizontal plane, and find the attitude of the intersection, (b): on a vertical plane striking north south and(c): on vertical plane striking parallel to the direction of plunge of the intersection. (d): Show the trace of the  $N40^{\circ}E$  vein on the  $S30^{\circ}E$  vein.