







651000 un basis of Plunge / Atlitude of the => The attitude of the hinge fold is defined ly two measurements: in the bearing or strike of its houzontal profes (ii) The plurge. Flunging Fold - A fold is said to plunge is the axis is not horizontal The amount of plunge being the angle between the axis and a houzontal line lying in a Common vertical plane. The Axial place is tapeting and inclined plunge. Pitch to the angle between a horizonly line and the axis measured on the axial plane, unless the axial plane is upright, pitch and plunge donot coincide. B-Angle of -> The Axial plane is tapeling ord Inclined plunge. (ii) Non-plunging Fold: when the axis of the fold donot does not dip in any direction g it is said to be mon-plunging fold.

for Symmetrical fold or non-plunging fold, we axial trace and the horizontal projection of the hinge Coincide 2 but this not true if the axial plane is Inclined and the fold Non-plunging fold (iii) Doubly Plunging Fold: - Here the fold reverses its direction of plunge wishin the limits of the area of under Consideration (iv) Felicinal Structure: - It Commonly includes
two Structures namely, donce and basin.

Dome in an anticipal aprift that his no distinct trend A dome is said to be known as pecicline. Yourthe !! FOR MATIDAL oldest , Basin: is a Synclinal depression with Centrovorsal dip 1:e dip from all direction towards a Control region. It is also known as a Centralcline oldesttermalim Trungest (Y) Reclined fold -> Here the axis plunges axial plane. down the dip of the

## Effect on Out cops: (i) Folds Cause Supertening of the caust of the laster and their Subsequent thickening: (ii) It usually observed that streams follows the axis polition of the anticainal ridges and high - lands and doned. It mature occurs along the axis of the syncines. (iii) Repetitions of bed in their occurrence in the field; infers the presence of a fold.