

## 7.4 Summary

This lecture note constitutes the limit state method of design for members subjected to combined stress resultants as per stipulations of the draft IS: 800 – LSM version where the draft code has dealt mainly with i) combined shear and bending ii) combined axial tension and bending and iii) combined axial compression and bending. These are explained in detail. The effect of reduction in bending moment capacity has been explained. The effect of lateral torsional buckling has also been explained. The concept of overall strength determination has been explained. The effect of relevant factors including equivalent uniform moment factor has been discussed.

