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**For Questions, Notes, Syllabus & Results**  
**Design of Reinforced Concrete Elements**

**Important 2mark questions**

**Unit I**

1. What are the philosophy of limit state method?
2. Distinguish between under reinforced and over reinforced sections.
3. Write any two assumptions are made in elastic theory method.

**Unit II**

1. What are the minimum and maximum reinforcement for a beam in LSD?
2. Write any two general features of two way slab?
3. Enumerate the advantages of flanged beams.

**Unit III**

1. What is torsional shear?
2. What do you understand by development length of bar?
3. Define flexural bond and anchorage bond.

**Unit IV**

1. What are the important limitations of slender columns?
2. What is meant by braced column?
3. Name any two methods used for design of long columns.

**Unit V**

1. What is punching shear in RCC footing?
2. What do you prefer combined footing?
3. Enumerate proportioning of footings.