

*Note: All questions are compulsory. Carrying of mobile phone during examinations will be treated as case of unfair means.*

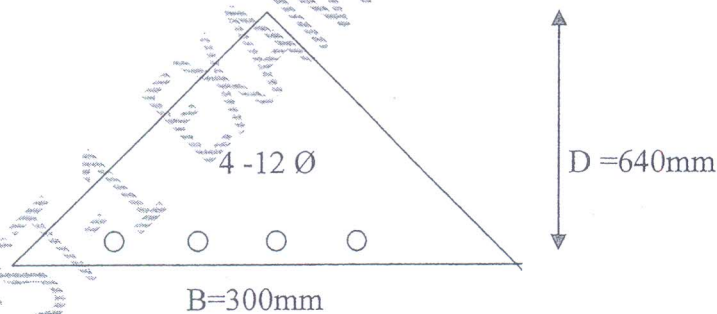
Q1.

(5)

- Explain the yield line theory for slabs
- What are the Properties of yield lines?

Q2. Find the moment of resistance of a triangular section 600mm deep and 300mm wide is reinforced as shown in the fig. Use WSM. M15/Fe250. Effective cover is 40mm

(5)



Q3.

(5)

- How the stability of Retaining wall is examined?
- For the given retaining wall calculate the net horizontal pressure and also find the point of acting?

