

# L. D. COLLEGE OF ENGINEERING, AHMEDABAD (GTU)

6<sup>th</sup> Semester Civil Engineering - PDDC 2013 Batch

**Subject Code & Name :** X60603 - Irrigation Engineering

## Assignment - 2 (Method of Irrigation)

**Date : 23-02-2016**

### **Theory :**

1. Enlist various method of irrigation & write the factor affecting to choice of irrigation method.
2. Write short note on control flooding & uncontrolled flooding.
3. Describe border strips method with advantages & disadvantages.
4. Explain checks flooding & zig-zag method with neat sketch.
5. Explain furrow method with advantages & disadvantages.
6. Write short note on surface & artificial sub-surface irrigation method.
7. Define sprinkler irrigation & write the situation under this method is applied.
8. Draw layout of sprinkler irrigation system & explain it's components.
9. Write short note on rotating sprinkler with neat sketch.
10. Write short note on drip irrigation with neat sketch
11. Write details different between sprinkler & drip irrigation.

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