

DEPARTMENT OF CIVIL ENGINEERING: I.I.T.DELHI
CVL 776 CONSTRUCTION PRACTICES & EQUIPMENT

Time: 2 hour
3.30PM to 5.30PM

MAJOR TEST
LH310

Maximum Marks: 40
6.05.2016

- Q. 1 Explain the method of construction of Tall buildings, with **Sketches**, by:
a) Lift Slab
b) Drop slab 06
- Q. 2 State the Tunneling procedure in detail, with **sketches**, by any one method in:
c) Hard Rock
d) Soft Rock 06
- Q. 3 Explain in **detail** the Durability and Corrosion Protection measures adopted for concrete in marine environment. 06
- Q.4 Explain in detail with **sketches**, the Hill Road Construction Process including its various special requirements. 06
- Q. 5 State in detail the features of Steel Prefabricated Construction and the different connections joining different members in it, with **sketches**. 06
- Q. 6 What are the different kinds of concrete used in Marine constructions depending upon the structural behavior and stability requirements. Give **details** of each one of them. 10
- Site River
Shop-Site wall → Bottom → Sheet
Prefabricated Slabs → Bottom Site*