

CEL 778

:1 hour  
to 9 am



DEPARTMENT OF CIVIL ENGINEERING: I.I.T. DELHI  
CONSTRUCTION METHODS & EQUIPMENT  
MINOR - I

V315

Maximum Marks: 20  
07.02.2014

- Q. 1 Describe with a neat sketch the formwork arrangement for Pier and Deck Slab.
- Q. 2 Explain the various factors affecting the output of a power shovel.
- Q. 3 Explain the Equipment selection process in detail.
- Q. 4 Find the Depreciation by Double Declining Balance Method for the Estimates given below:

Initial Cost of the Equipment,  $P = 50000$

Salvage Value,  $S = 5000$

$N = 5$  years