

A 1000/500

09/A/C

DRAUGHTSMAN (CIVIL)



02

Time: 3 Hrs.

(THEORY)

Marks: 100

**NOTE: Attempt any five Questions in all.**

- Q.1 (i) State any five ill effects dampness.  
(ii) What are the objects of pointing.  
(iii) Under what circumstances will you go in for a) Collapsible Door b) Rolling Shutter
- Q.2 (i) Mention the scales used for preparing the following  
a) Site plan, b) Building plan c) For detailing functions of drawing.  
(ii) Sketch the elevation of a fully paneled door with two shutters.  
(iii) Describe the defects in pattering and preventive measures to be adopted for the same.
- Q.3 (i) What is meant by "covered area" of a building explain with an example with the help of a sketch.  
(ii) What are the objects building bye-laws?  
(iii) What are the requirements for the approval of a plan?
- Q.4 (i) List out any five road making machineries and explain any two briefly.  
(ii) How are the water bound macadam roads maintain.  
(iii) Explain the steps involved in laying a bituminous? Single coat surface dressing road with a sketch.?
- Q.5 (i) State the requirements of good sleeper.  
(ii) State the necessities of maintaining railway track.  
(iii) Explain with sketches about a) Fish plates, b) Spikes.
- Q.6 (i) State the different types of staircase.  
(ii) State the uses of escalator and lift.  
(iii) State and sketch any two types of foundations used in building.
- Q.7 (i) State any five tools used in stone masonry work.  
(ii) What is a lintel.  
(iii) What types of flooring you will recommend for a Hospital Building. Why?