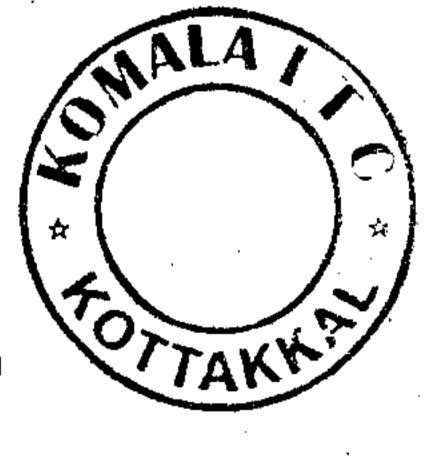
09/A/C

## DRAUGHTSMAN (CIVIL)

**②** 



02

(THEORY)

Time: 3 Hrs.

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 Shatter
- 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?