

S.B. Roll No.....

PUBLIC HEALTH AND IRRIGATION ENGINEERING DRAWING
4th Exam/ Civil/ 0513/ May'15

Duration: 4hrs.

Max. Marks: 100

NOTE: **Attempt any five questions with atleast two questions from each section.**

Section-A

- Q.1. Draw the cross-section of semi circular and U-shaped open drain with its foundation. **(20)**
- Q.2. Draw the detailed section of floor trap and gully trap. **(20)**
- Q.3. Draw the plan and section of a manhole. **(20)**
- Q.4. Draw the detailed plan and cross-section of soak pit for 10 users. **(20)**
- Q.5. Draw the plan of bathroom showing position of lavatory, bath tub, wash basin and traps. **(20)**

Section-B

- Q.6. Draw the cross-section of unlined channel fully in filling. **(20)**
- Q.7. Draw the detailed plan of canal head works. **(20)**
- Q.8. Draw the cross-section of diaphragm type earthen dam. **(20)**
- Q.9. Draw the cross-section of strainer type tube-well. **(20)**
- Q.10. Draw the longitudinal section of weir. **(20)**