

## CE 381 : Engineering Properties of Soils and their measurements

### Homework#5

For the three dams shown in the figure below, the coefficient of permeability of the soil is  $0.08 \text{ cm/sec}$ . Determine:

- (i) The quantity of seepage per meter length of the dam.
- (ii) The uplift pressure on the base of the dam
- (iii) Compare your results for the three dams.

