PART IIA 2005

3D6 Environment engineering II

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Principal Assessor: Dr S P G Madabhushi

Answers:

- Q(1) c(i) Leakage rate $q = 10.5 \times 10^{-6} \text{ m}^3/\text{s}$ per 1m width of the dam
- Q(2) c) Hydraulic conductivity K of silty clay = 1.172×10^{-8} m/s d) Hydraulic conductivity K of clay = 2.633×10^{-9} m/s
- Q(3) b) 57.63 years c) 2.1 m