

ENGINEERING TRIPOS PART IIA 2011

MODULE 3D6: ENVIRONMENTAL GEOTECHNICS

Numerical Answers

1. (a) (i) 18.3%, 0.1.
(ii) 0.582, 0.536
- (b) (i) 3×10^{-5} m/s, 1/375
(ii) 5×10^{-7} m/s, 166/1
2. (a) $4.73 \text{ m}^3/\text{year/m}$
(c) 32kPa
(e) ~1.2 years
4. (a) 156 years
(b) 423 years
(c) 1.53 years

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