

## Engineering Tripos Part IIa 2003, Module 3D5 Environmental Engineering I

### Answers

- 1.(a)  $32 \text{ m}^3/\text{s}$ ;  
(b) 17.2 mm, 15 mm
- 2.(b) 1067.4 kN
- 3.(b) antidunes
- 4.(e)  $0.046 \text{ m}^2/\text{s}$