Examination Period 3: 2016/17

GEO312417N

Module Title   Water Resource Management
Level       Six
Time Allowed   Two hours

Instructions to students:

- Enter your student number not your name on all answer books.
- You must answer the compulsory seen question in Section A and one question in Section B.
- Section A is a seen question. The question has been distributed to students two weeks prior to the examination.
- All questions are equally weighted.
- Begin each question in a separate answer book; label each answer book clearly with the number of the question you are answering.
- Neither books nor notes may be taken into the examination.

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Section A – Seen question

All students must answer this question.

1. Critically evaluate the pros and cons of using reclaimed/recycled water to help meet industrial, agricultural and domestic demand for water. (50 marks)
Section B

Answer one out of four questions.

2. Assess the effectiveness of runoff control measures as a tool to mitigate flooding.  
   (50 marks)

3. Critically evaluate the effectiveness of drought management strategies around the world.  
   (50 marks)

4. Using specific examples, evaluate the management of water resources on small islands.  
   (50 marks)

5. With reference to specific examples, assess the vulnerability of water resource systems to future climate change and the potential management strategies available.  
   (50 marks)