Examination Period 3: 2018/19

<table>
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<tr>
<th>Module Title</th>
<th>Water Resource Management</th>
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<tbody>
<tr>
<td>Level</td>
<td>Six</td>
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<tr>
<td>Time Allowed</td>
<td>Two hours</td>
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Instructions to students:

- Enter your student number **not** your name on all answer books.
- You must answer the **compulsory** question in **Section A** and **one** question in **Section B**.
- **Section A** is a seen question. The question has been distributed to students four weeks prior to the examination.
- Begin each question in a separate answer book; label each answer book clearly with the number of the question you are answering.
- All questions are equally weighted.

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<th>No. of Pages</th>
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<td>No. of Questions</td>
<td>5</td>
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Section A

Answer the compulsory question.

Question 1

Using specific examples, evaluate the effectiveness of runoff source control as a means of mitigating the flood risk.

(50 marks)
Section B

Answer one question from this section.

Question 2

Using examples drawn from around the world, assess the effectiveness of current drought management strategies.

(50 marks)

Question 3

Critically assess the water resource problems affecting small islands and evaluate their mitigation strategies.

(50 marks)

Question 4

Assess the potential challenges facing the successful management of water resources due to future climate change and evaluate the coping strategies.

(50 marks)

Question 5

Evaluate the extent to which water has been and could be a source of conflict within and between countries.

(50 marks)

End of Section B

End of Paper