JOHN EDMONDSON HIGH SCHOOL
Assessment Notification

Faculty: Mathematics  Course: Standard 1 (HSC)  Year: 12

Assessment Task: 2

Assessment Weighting: 30%  Due: Term 1 Week 9 Date: 25/03/2019 - start of Period 5

Task Type: Hand in Task ☒ In Class Task ☐ Practical Task ☐

Outcomes assessed (NESA)
MS1-12-8, MS1-12-9, MS1-12-10

Task Description/Overview
This assignment involves the use of network theory to solve a real world problem. All parts of the task are to be completed individually. When working during class time, students can access all class notes, the class textbook and practise questions. Students may also access digital technologies during class time. Two double periods (a total of 4 periods) will be allocated to assist in completing this task.

Detailed Assessment Task Description
An assignment handout is attached to this notification, outlining 5 parts of the assignment to complete. You will be assessed on how well you:
- accurately solve a variety of problems based on the scenario
- select and use appropriate mathematical process, technologies and language to investigate, organise and interpret networks
- provide reasoning and justification related to the problems

Test/Examination Structure

<table>
<thead>
<tr>
<th>Section Description</th>
<th>Marks Available</th>
</tr>
</thead>
<tbody>
<tr>
<td>Part 1 - Understanding, Fluency and Communication</td>
<td>4</td>
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<tr>
<td>Part 2 - Understanding, Fluency and Communication</td>
<td>6</td>
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<tr>
<td>Part 3 - Problem Solving, Reasoning and Justification</td>
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<tr>
<td>Part 4 - Problem Solving, Reasoning and Justification</td>
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<tr>
<td>Part 5 - Problem Solving, Reasoning and Justification</td>
<td>2</td>
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<tr>
<td>(See attached assignment handout for further detail)</td>
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</tbody>
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Total Marks for this task 30

Satisfactory completion of courses
A course has been satisfactorily completed, when the student has:
- Followed the course developed/endorsed by the NSW Educational Standards Authority (NESA)
- Applied himself/herself with diligence and sustained effort to the set tasks and experiences provided in the course.
- Achieved some or all of the course outcomes