LEUMEAH HIGH SCHOOL
ASSESSMENT TASK NOTIFICATION

<table>
<thead>
<tr>
<th>Course</th>
<th>Year 12 Mathematics</th>
<th>Date Issued</th>
<th>21/3/2018</th>
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<tbody>
<tr>
<td>Topic Area</td>
<td>ALL Topics up to, and including, Integration.</td>
<td>Date Due</td>
<td>4/4/2018</td>
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<tr>
<td>Task Type</td>
<td>Examination</td>
<td>Total Marks</td>
<td>100%</td>
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<tr>
<td>Task</td>
<td>Half-Yearly H.S.C.</td>
<td>Weighting</td>
<td>25%</td>
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Outcomes Assessed

H1 seeks to apply mathematical techniques to problems in a wide range of practical contexts
H2 constructs arguments to prove and justify results
H4 expresses practical problems in mathematical terms based on simple given models
H5 applies appropriate techniques from the study of calculus, geometry, probability, trigonometry and series to solve problems
H6 uses the derivative to determine the features of the graph of a function
H7 uses the features of a graph to deduce information about the derivative
H8 uses techniques of integration to calculate areas and volumes
H9 communicates using mathematical language, notation, diagrams and graphs

Task Description (including special instructions)
The task consists of:

- 10 Multiple Choice Questions and 6 Free Response Questions (15 marks each)
- Special Instructions
  - Answer all questions and show working out where necessary.
  - Calculators may be used in all parts of the assessment task.
  - Marks may not be awarded for careless or badly arranged work.

Assessment Policy – Refer to Leumeah High School Assessment Policy Booklet