(I) Biology

1. Aims
To enable students to:
   (i) develop and maintain an interest in biology, a sense of wonder and curiosity about the living world, and a respect for all living things and the environment;
   (ii) construct and apply knowledge of biology, understand the nature of science in biology-related contexts, and appreciate the relationships between biological science and other disciplines;
   (iii) develop the ability to make scientific inquiries; think scientifically, critically and creatively; and solve biology-related problems individually and collaboratively;
   (iv) understand the language of science and communicate ideas and views on biology-related issues;
   (v) be aware of the social, ethical, economic, environmental and technological implications of biology, and be able to make informed decisions and judgments on biology-related issues; and
   (vi) develop an attitude of responsible citizenship, and a commitment to promote personal and community health.

2. Curriculum Framework
   (i) Scientific Investigations
   (ii) Compulsory Part
      ▪ Cells and Molecules of Life
      ▪ Genetics and Evolution
      ▪ Organisms and Environment
      ▪ Health and Diseases
   (iii) Elective Part (a choice of two out of four elective topics)
      ▪ Human Physiology: Regulation and Control
      ▪ Applied Ecology
      ▪ Microorganisms and Humans
      ▪ Biotechnology

3. Assessment

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<thead>
<tr>
<th>Component</th>
<th>Outline</th>
<th>Weighting</th>
<th>Duration</th>
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<tbody>
<tr>
<td>Public examination</td>
<td>Paper 1 Compulsory Part</td>
<td>60%</td>
<td>2½ hours</td>
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<td>Paper 2 Elective Part</td>
<td>20%</td>
<td>1 hour</td>
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<td>(a choice of two out of four elective topics)</td>
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<tr>
<td>School-based assessment (SBA)</td>
<td>Practical related tasks</td>
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