

## 12 ATAR Physics

## Quantum Physics & Light Evaluation & Analysis 2018

Name:	Mark:	<u> </u>
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## Part A

Research the following topics and write notes in point form on this page. <u>Only this one page of hand written notes will be permitted</u>.

- Black body radiation and the ultraviolet catastrophe.
- How quantum mechanics avoids the ultraviolet catastrophe.
- Wien's Law.

<ul> <li>Conversion of degrees Celsius to Kelvin (only whole numbers are required).</li> </ul>

