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To whom it may concern,

Mr Stephan Haudum was questioned on macromolecular chemistry. The discussion started with details of the polyimide synthetic procedures before moving to general principles of polymerisation in relation to step-growth polymerisation methods. This included for example discussion on the effect of reaction conditions (concentration, stoichiometry etc) on the resulting macromolecular architecture. Furthermore the discussion was extended to the effect of molecular weight on mechanical properties, viscosity and solubility. This was followed by a discussion on high performance polymers including a detailed description of the polyarylether ketone family of polymers, including their structure property relationships and their synthesis methods.

Mr Haudum was able to offer in-depth and, to the most part, accurate descriptions of the all aforementioned topics, hence I proposed the grad of 1, (excellent) for this part of the examination.

Yours sincerely,

A handwritten signature in black ink, appearing to read 'Teasdale', written in a cursive style.

Dr Ian Teasdale

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