

STEREOLITHOGRAPHY - EXAMINATION QUESTIONS

HELPFUL LINKS: http://www.technologystudent.com/despro_3/stereo1.html

1. What is the meaning of the following two terms? **2 marks**

STL File: _____

STA Machine: _____

2. With the aid of a sketch(s), notes and labels - describe the process of manufacturing a component, through the process called stereolithography. **8 marks**

3. A build table / platform of an STA machine, lowers in microns. What is a micron?
2 marks

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4. List three **advantages** of manufacturing, through the process called stereolithography
3 marks

5. List three **disadvantages** of manufacturing through the process called stereolithography **3 marks**

6. In the space below, paste three components / products, manufactured through stereolithography. **6 marks**