**Written Test Set C**

**Section A**

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| Question | Answer |
| A1 | A |
| A2 | C |
| A3 | B |
| A4 | A |
| A5 | D |
| A6 | A |
| A7 | B |
| A8 | C |
| A9 | D |
| A10 | B |

**B1 Solution**

Error rate of 5% mean 95% of the product must be within +/-0.1mm **- 0.5 mark**

Require cutter to be within tolerance 95% of the time, the accuracy from 9.90mm to 10.10mm **- 1 mark**

Model A: 95% of the time, the accuracy will be from 9.91mm to 10.07mm **- 0.5 mark**

Model B: 95% of the time, the accuracy will be from 9.93mm to 10.13mm **- 0.5 mark**

Model C: 95% of the time, the accuracy will be from 9.87mm to 10.15mm **- 0.5 mark**

Model D: 95% of the time, the accuracy will be from 9.86mm to 10.1mm **- 0.5 mark**

Model A is well within the range required. **– 1.5 mark (only given if working is provided)**