

Worshipful Company of Spectacle Makers

Level 4 Year 2 Diploma for Optical Technicians

Unit 7: The Properties of Spectacle Frames and Glazing



Duration: 1.5 hours

Candidate Number:

Date:

Answer ALL Questions

Number of Supplementary Sheets used (if any), including graph paper.

For office use only

Question number	Unit 7				Total	
	1	2	3	4	Marks	%
Marks						
Moderated						

Examiner's signature

Moderator's signature

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Question 3

b) If a hand-made frame is manufactured, what effect will the following errors have on the final fitting? **(2 marks)**

i) **Crest Height** manufactured at **15mm** rather than **5 mm**

ii) **Angle of Side** set at **20 degrees** rather than **8 degrees**

Question 4

a) Describe, with the aid of diagrams, the processes involved in preparing and re-soldering a pad arm to a rolled gold frame. **(13 marks)**

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2. Please ensure your candidate number and date are in the boxes on the front cover of this booklet.
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4. Write your answers as clearly as you can, using a black/blue pen only. Do not use a pencil. If the examiner cannot read your writing or figures you may lose marks, or even receive no marks at all. **Pencils may only be used for graphs and diagrams.**
5. You should read each question carefully, and make sure that you know what you have to do before you start to answer.
6. You must write your answers in the space provided. Additional paper may be used if necessary, but you must show your candidate number and the question number at the top of each sheet; not your name. You must also annotate the box on the front cover of this booklet to show how many extra sheets you used.
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8. Make sure your diagrams are as clear and neat as possible; you will get marks for doing so. If you need to draw a graph, use as large a scale as practicable; this will give the most accurate answer.
9. When answering mathematical questions, write **ALL YOUR CALCULATIONS IN FULL**. Even if you get the final answer wrong, you may get credit for the parts of the calculation that are correct.
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