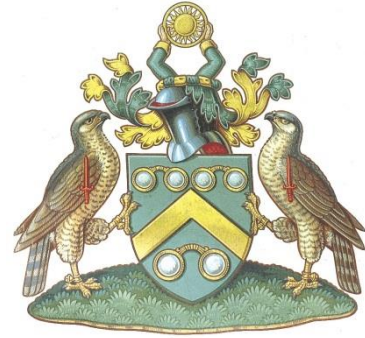


Worshipful Company of Spectacle Makers



Level 3 Optical Support

Unit 13: Supporting the Provision of Refractive Surgery

Summer 2018

Duration: 40 minutes

Candidate Number:

Date:

Answer **TWO out of the three** questions

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

For office use only

Question number	Questions			Total	
	1	2	3	Marks	%
Marks					
Moderated					

Examiner's signature

Moderator's signature

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left blank.

Examiner's
use only

Q1c)	What is the maximum amount of myopia that is usually treated with LASIK?	(1 mark)
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Q1d)	Why is it inadvisable to use LASIK to treat high myopia?	(2 mark)
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Q1e)	Why do patients sometimes suffer with dry eyes after LASIK?	(2 mark)
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Q1f)	How can dry eye following LASIK be treated?	(3 mark)
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Examiner's
use only

Question 2

Q2a)	Give a list of five tests that may be performed at a post-operative check following laser vision correction and explain why each test is required.	(15 marks)
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Q3b)	To correct myopia, what change must be made to the shape of the cornea during laser treatment?	(1 mark)
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Q3c)	What does LASIK stand for? Give a brief description of this method of laser vision correction.	(4 marks)
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Q3d)	What does LASEK stand for? Give a brief description of this method of laser vision correction.	(4 marks)
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Important Instructions for Candidates

Please read carefully and follow these instructions when told to do so by the Examiner/Invigilator.

1. Before you start to answer any question, take a few minutes to read through the paper.
2. Please ensure your candidate number and date are in the boxes on the front cover of this booklet.
3. Please **DO NOT** write your name on this booklet. Candidates must remain anonymous for marking purposes.
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.
7. Please do not write in the margins.
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.
10. After you have completed each answer, re-read the question to make sure you have answered it fully.
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