

Worshipful Company of Spectacle Makers



Certificate in Optical Care at SCQF Level 5

Unit 5: Supporting the Provision of Optical Screening

Duration: 24 mins

Candidate Number:

Date:

Answer ALL 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

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Question 1

Q1a) Why is an auto-refractor used in practice?

(2 marks)

Q1b) Complete the following statement;

(4 marks)

Auto-refractors consist of an _____,
a _____ and an _____. The infrared light
source is reflected off the _____ when the eye is relaxed whilst
viewing the fixation target.

Q1c) How can the best results be obtained when performing auto-
refraction? You should mention at least 3 points.

(3 marks)

Q1d) Is auto-refraction an objective or subjective test?

(1 mark)

Question 2

Q2a) What is meant by the term non-contact tonometry? **(2 marks)**

Q2b) How does non-contact tonometry work? **(3 marks)**

Q2c) What unit of measurement is used for recording tonometry readings? **(2 marks)**

Q2d) List one condition that may be identified using non-contact tonometry. **(2 marks)**

Q2e) Name a non-contact tonometer. **(1 mark)**

Examiner's
use only

Question 3

Q3a) Complete the following text:

(8 marks)

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OCT stands for _____.
It takes a _____ of the eye using a _____ that
penetrates through _____ and is then _____ back.

Q3b) Name two conditions that might be identified using OCT.

(2 marks)

End of questions for this paper

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1. Before you start to answer any question, take a few minutes to read through the paper.
2. Please ensure your membership 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.
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