

# Worshipful Company of Spectacle Makers

## Level 4 Year 1 Diploma for Optical Assistants



Unit 7 - The Provision of Low Vision Aids in Optical Practice

**Summer 2018**

**Duration: 90 minutes**

Candidate Number:

Date:

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**Answer ALL questions.**

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

### For office use only

	Question				
Question number	1	2	3	Marks	%
Marks					
Moderated					

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signature

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**Question 1**

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<b>Q1a)</b>	<b>Which of the following is a disadvantage of spectacle magnifiers?</b>	<b>(2 marks)</b>
i)	Short working distance	
ii)	Hands-free.	
iii)	Light-weight.	
iv)	Can only be used for intermediate tasks.	

<b>Q1b)</b>	<b>Which of the following is an advantage of spectacle magnifiers?</b>	<b>(2 marks)</b>
i)	Can be used for walking around in.	
ii)	Improved field of view (compared to n/v telescopes).	
iii)	Can be used for intermediate tasks.	
iv)	Light weight.	

<b>Q1c)</b>	<b>Which of the following is an advantage of telescopic lenses?</b>	<b>(2 marks)</b>
i)	Unlimited near vision magnification.	
ii)	Wide field of view.	
iii)	No training required.	
iv)	Can be a solution for intermediate vision tasks.	

<b>Q1d)</b>	<b>Which of the following is a disadvantage of telescopic lenses?</b>	<b>(2 marks)</b>
i)	Cannot be supplied for intermediate tasks.	
ii)	Reduced field of view.	
iii)	Cheap in comparison to hand-held magnifiers.	
iv)	Cannot be converted for near vision tasks.	

<b>Q1e)</b>	<b>Which of the following is an advantage of an electronic device/CCTV (EVES) aid?</b>	<b>(2 marks)</b>
i)	Are easy to use.	
ii)	All devices are portable.	
iii)	High degree of available magnification.	
iv)	Available in one set magnification to avoid confusion.	

<b>Q1f)</b>	<b>A patient is supplied with a hand-held magnifier. Which of the following would be a suitable piece of advice you can provide to the patient?</b>	<b>(2 marks)</b>
i)	Hold it at all times so it is available to use when needed.	
ii)	Purchase a clip-board in order to keep print flat.	
iii)	Use it even with print you can see as it is prescribed to be used.	
iv)	Always hold it 3cm away from object to get maximum magnification.	

<b>Q1g)</b>	<b>Which of the following is a visual symptom a patient with macular degeneration may experience?</b>	<b>(2 marks)</b>
i)	Peripheral field loss.	
ii)	Central field loss/missing area	
iii)	Patchy field defects.	
iv)	Flashing lights/floaters in the central field.	

<b>Q1h)</b>	<b>Which of the following is a way to work out magnification for a patient for a near task?</b>	<b>(2 marks)</b>
i)	Distance acuity/required acuity.	
ii)	Near acuity/4	
iii)	Near acuity/required acuity.	
iv)	Near acuity x required acuity	

<b>Q1i)</b>	<b>A patient who sees N12 needs to see N5. Which is the likely magnification that will be required?</b>	<b>(4 marks)</b>
i)	12x	
ii)	5x	
iii)	2.5x	
iv)	3x	

**Question 2**

<b>Q2a)</b>	<b>What is meant by the term low vision?</b>	<b>(8 marks)</b>
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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.
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