## Level 6 Certificate in Contact Lens Practice

## Unit 3 – Contact Lens Practice



Principal Examine Robin Rohu MEd PC		Cert FB[	OO CL Pr	of Cerl	· LV SFHE.	Ą	_		er 2023 2 hours
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	Number of Supplementary Sheets used (if any), including graph paper.  For office use only								
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This booklet is the property of the ABDO and **must not be removed** by the candidate from the examination room.

Quest	ion 1	
a)	<b>Explain</b> your initial procedure, step by step, for a patient who is new to your practice and has not previously worn contact lenses. Include all the steps up to, but not including the insertion of the first trial lens.	
	Your initial procedure should include at least 8 steps. You must include the relevant details of each step in your answer.	(52 marks)
b)	<b>List eight</b> contraindications that might be identified at the initial visit.	(16 marks)
C)	For each contraindication you have listed in (b), <b>state 2</b> reasons why it might be considered a barrier to contact lens wear.	(32 marks)
Q1a)	<b>Explain</b> your initial procedure, step by step, for a patient who is new to your practice and has not previously worn contact lenses. Include all the steps up to, but not including the insertion of the first trial lens.	
	Your initial procedure should include at least 8 steps. You must include the relevant details of each step in your answer.	(52 marks)

Q1b)	<b>List eight</b> contraindications that might be identified at the initial visit.	(16 marks)

Q1c)	For each contraindication you have listed in (b), <b>state 2</b> reasons why it might be considered a barrier to contact lens wear.	(32 marks

## **Question 2** a) **State five** prescribed medications whose side effects may cause dry eye. (10 marks) In addition to prescribed medications, list five other potential b) causes of dry eye that may be encountered in contact lens wearers. (10 marks) C) **Fully explain three** clinical signs that might help you identify dry eye in a patient. (30 marks) d) Briefly describe three pieces of advice that you could give to a patient with dry eye to improve the symptoms of the condition. (30 marks) e) **Describe** the causes, signs, symptoms, and management of Recurrent Corneal Epithelial Erosions (RCEE). (20 marks) Q2a) **State five** prescribed medications whose side effects may cause dry eye. (10 marks) Q2b) In addition to prescribed medications, list five other potential causes of dry eye that may be encountered in contact lens (10 marks) wearers. **Q2c)** Fully explain three clinical signs that might help you identify dry eye in a patient. (30 marks)

Q2d)	<b>Briefly describe three</b> pieces of advice that you could give to a patient with dry eye to improve the symptoms of the condition.	(30 marks)

Q2e)	<b>Describe</b> the causes, signs, symptoms, and management of Recurrent Corneal Epithelial Erosions (RCEE).	(20 marks

Quest	tion 3	
a)	<b>Describe</b> in detail three possible methods of correcting a presbyopic patient using currently available soft, single vision contact lenses.	(45 marks)
b) c)	State one disadvantage for each method described in a).  State the full details of one currently available soft multifocal lens, including the full material name, surface design, power	(15 marks)
	range and replacement frequency.	(20 marks)
d)	State three facts about fitting zero powered contact lenses.	(12 marks)
e)	<b>State two</b> sign that would help you to distinguish between bacterial and viral conjunctivitis.	(8 marks)
Q3a)	<b>Describe</b> in detail three possible methods of correcting a presbyopic patient using currently available soft, single vision	(45 magusta)
	contact lenses.	(45 marks)

Q3b)	<b>State one</b> disadvantage for each method described in a).	(15 marks)
Q3c)	lens, including the full material name, surface design, power	(00 1)
	range and replacement frequency.	(20 marks)
Q3d)	State three facts about fitting zero powered contact lenses.	(12 marks)

Q3e)	<b>State two</b> sign that would help you to distinguish between bacterial and viral conjunctivitis.				een	(8 marks)	

Quest	ion 4		
a)	<b>State three</b> ocular conditions associated with high levels of myopia.	(15 marks)	
b)	<b>State two</b> currently available methods of myopia management using contact lenses licensed for use in the UK.	(10 marks)	
c) d)	For one of the methods stated in b), <b>explain</b> the principles of how the contact lens optics is thought to slow the rate of myopia progression.	(15 marks)	
	<b>State two</b> influencing factors a contact lens practitioner should consider when evaluating a child for treatment with myopia control contact lenses.	(10 marks)	
e)	<b>Describe</b> the causes, signs, symptoms, and management of Meibomian Gland Dysfunction (MGD).	(25 marks)	
f)	<b>Discuss five</b> aspects of infection control in modern contact lens practice.	(25 marks)	
Q4a)	<b>State three</b> ocular conditions associated with high levels of myopia.	(15 marks)	
Q4b)	State two currently available methods of myopia management		
	using contact lenses licensed for use in the UK.	(10 marks)	

Q4c)	For one of the methods stated in b), <b>explain</b> the principles of how the contact lens optics is thought to slow the rate of myopia progression.	(15 marks)
Q4d)	State two influencing factors a contact lens practitioner should	
	consider when evaluating a child for treatment with myopia control contact lenses.	(10 marks)
Q4e)	<b>Describe</b> the causes, signs, symptoms, and management of Meibomian Gland Dysfunction (MGD).	(25 marks)

	Discuss five aspects of infection control in modern contact lens	(25 marks)
Q4f)	practice.	(25 marks)
Q4f)	practice.	(25 marks)
Q4f)	practice.	(25 marks)
Q4f)	practice.	(23 marks)

Quest	ion 5		
a)	<b>State five</b> signs that could indicate the presence of keratoconus.	(15 marks)	
b)	State five potential causes of keratoconus.	(15 marks)	
c)	<b>List five</b> different ways in which keratoconus can be managed with contact lenses.	(10 marks)	
d)	<b>Describe</b> in detail, three of the methods listed in (c).	(60 marks)	
Q5a)	<b>State five</b> signs that could indicate the presence of keratoconus.	(15 marks)	
		(25	
Q5b)	State five potential causes of keratoconus.	(15 marks)	

Q5c)	<b>List five</b> different ways in which keratoconus can be managed with contact lenses.	(10 marks)
Q5d)	<b>Describe</b> in detail, three of the methods listed in (c).	(60 marks)

End of questions for this paper

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### **Important Instructions to Candidates**

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

- 1. You will be given 5 minutes at the beginning of the examination to read through the questions.
- 2. Please enter your candidate number and date in the boxes on the front cover of this booklet.
- 3. Please **DO NOT write your name** on the booklet. Candidates must remain anonymous for marking purposes.
- 4. Candidates must answer questions legibly, using blue/black ink or ball-point pen. Pencil may be used for graphs and diagrams only.
- 5. Candidates please note, the examination paper has been designed for you to answer the stated number of questions within the allotted time.
- 6. Candidates must read each question carefully and make sure that you know what you have to do before starting your answer.
- 7. Candidates must write the answer to each question in the space provided. Additional paper may be used if necessary but you must show your Candidate Number and question number(s) clearly at the top of each page.
- 8. Please do not write in the margins.
- 9. Any extra pages used should be securely fastened together using a treasury tag. This includes any diagrams, additional graph paper or any continuation paper.
- 10. Candidates are advised to carefully cross out any work not intended to be marked by the Examiner.
- 11. Please do not tear out any part of this booklet. All work must be handed in.

### **Important Information for Candidates**

- 1. Answer **four** questions only.
- 2. Answer all parts for each question.
- 3. Where relevant, the marks awarded for each part of a question are given in brackets, e.g. (10 marks).
- 4. These symbols indicate that a diagram/calculation is required or a diagram needs annotating.
- 5. This entire document consists of 28 pages. Any blank pages are indicated.

When told to do so by the Invigilator, you may turn the paper over and begin.