## Level 6 Certificate in Contact Lens Practice

## Unit 3 – Contact Lens Practice



Principal Examiner RJ Shipley BSc (Hon		R (Hons)	CL				·	Winter 2022 ation: 2 hours
Candidate Number	er:	[	Date:	/			Sea	ting Location
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Quest	ion I	
a)	<b>Describe</b> the causes, signs, symptoms and management of Solution Induced Corneal Staining.	(25 marks)
b)	<b>Describe</b> the causes, signs, symptoms and management of Contact Lens Associated Papillary Conjunctivitis.	(25 marks)
c)	i) <b>Describe two</b> potential signs of hypoxia in contact lens wearers.	(10 marks)
	ii) <b>Explain three</b> possible management options.	(15 marks)
d)	<b>Describe</b> the causes, signs, symptoms and management of Superior Epithelial Arcuate Lesions.	(25 marks)
Q1a)	<b>Describe</b> the causes, signs, symptoms and management of Solution Induced Corneal Staining.	(25 marks)

Q1b)	<b>Describe</b> the causes, signs, symptoms and management of Contact Lens Associated Papillary Conjunctivitis.	(25 marks

Q1c)	i) <b>Describe two</b> potential signs of hypoxia in contact lens wearers.	(10 marks)
	ii) <b>Explain three</b> possible management options.	(15 marks)

Q1d)	<b>Describe</b> the causes, signs, symptoms and management of Superior Epithelial Arcuate Lesions.	(25 marks)

# **Question 2** Describe the causes, signs, symptoms and management of a) Contact Lens Associated Red Eye (CLARE). (25 marks) **Explain** a chalazion and outline its management for contact b) lens wearers. (14 marks) Describe the causes, signs, symptoms and management of C) infiltrative Keratitis. (26 marks) List five filters that may be used with a slit lamp. (5 marks) d) e) **Explain** the purpose of each filter listed in (d). (15 marks) **Explain** the term "modulus of elasticity in relation to soft contact f) lenses. (15 marks) **Q2a)** Describe the causes, signs, symptoms and management of Contact Lens Associated Red Eye (CLARE). (25 marks)

Q2b)	<b>Explain</b> a chalazion and outline its management for contact lens wearers.	(14 marks)

Q2c)	<b>Describe</b> the causes, signs, symptoms and management of infiltrative Keratitis.	(26 marks)

Q2d)	List five filters that may be used with a slit lamp.	(5 marks)
Q2e)	<b>Explain</b> the purpose of each filter listed in (d).	(15 marks)

Q2f)	<b>Explain</b> the term "modulus of elasticity in relation to soft contact lenses.	(15 marks)

Quest	tion 3		
a)	<b>Describe</b> your routine for when a new wearer arrives to collect soft, daily disposable lenses. Include the instructions that you would give to the patient. <b>State four</b> generic ingredients that can be found in current soft	(50 marks)	
b)	lens solutions.	(10 marks)	
c)	<b>Explain briefly</b> the purpose of each of the generic ingredients stated in b).	(40 marks)	
Q3a)	<b>Describe</b> your routine for when a new wearer arrives to collect soft, daily disposable lenses. Include the instructions that you would give to the patient.	(50 marks)	

Q3b)	<b>State four</b> generic ingredients that can be found in current soft lens solutions.	(10 marks)
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Q3c)	<b>Explain briefly</b> the purpose of each of the generic ingredients stated in b).	(40 marks)

Quest	ion 4	
a)	<b>Describe</b> your aftercare procedure, step by step, for a patient who wears rigid, gas permeable lenses for daily wear and is new to your practice.	(75 marks)
b)	<b>Describe</b> the signs, symptoms, causes and management of Contact Lens Induced ptosis.	(25 marks)
Q4a)	<b>Describe</b> your aftercare procedure, step by step, for a patient who wears rigid, gas permeable lenses for daily wear and is new to your practice.	(75 marks)

Q4b)	<b>Describe</b> the signs, symptoms, causes and management of Contact Lens Induced ptosis.	(25 marks)

b) Explain the difference between "with the rule" and "against the rule" astigmatism.  (2  C) Name two stabilisation techniques for soft toric lenses. For each one named, describe how it works and name a currently available contact lens that utilises this technique.  (3  Describe the use of Lissamine Green in Contact Lens practice.  (1)  Write five discussion points about the use of chloramphenicol in	10 marks) 20 marks) 30 marks) 15 marks) 25 marks)
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one named, describe how it works and name a currently available contact lens that utilises this technique.  d) Describe the use of Lissamine Green in Contact Lens practice.  e) Write five discussion points about the use of chloramphenicol in	15 marks)
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e) Write five discussion points about the use of chloramphenicol in	-
· · · · · · · · · · · · · · · · · · ·	25 marks)
Q5a) Describe residual astigmatism. (1	10 marks)
Q5b) Explain the difference between "with the rule" and "against the rule" astigmatism. (2	20 marks)

Q5c)	<b>Name two</b> stabilisation techniques for soft toric lenses. For each one named, <b>describe</b> how it works and <b>name</b> a currently available contact lens that utilises this technique.	(30 marks)

Q5d)	<b>Describe</b> the use of Lissamine Green in Contact Lens practice.	(15 marks)

Q5e)	<b>Write five</b> discussion points about the use of chloramphenicol in practice, including its use by Contact Lens Opticians.	(25 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 32 pages. Any blank pages are indicated.

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