



**T Level Technical
Qualification in Healthcare
Science
603/7083/X**

Occupational specialism assessment (OSA)

Optical Care Services

Assignment 4: extended written responses assessment

Assignment Brief

Optical Care Services

Assignment Brief

Assignment 4

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Guidance for students

Student instructions

- Read the task briefs carefully before starting your work.
- You **must** make your own decisions about how to approach the tasks and work independently at all times.
- You **must** clearly name and date all work that you produce during the supervised session.
- You **must** submit all work to the tutor at the end of the supervised session before you leave the room.

Student information

- The maximum time you will have to complete all tasks for this extended written assessment is **2 hours**:
 - It is recommended that you dedicate **10 minutes** to reading the materials provided in the Assignment Brief.
 - It is recommended that you then read all the tasks and split your time accordingly, planning time to check your work.
- At the end of the supervised session, your tutor will collect all assessment materials before you leave the room.
- You **must** note that you can fail to achieve marks if you do **not** meet the requirements of the task.

Plagiarism

You **must** sign a declaration of authenticity to confirm all work submitted is your own. This prevents potential claims of malpractice and maladministration. Should any evidence submitted be found **not** to be your own work, it could have a significant impact on your overall grade.

Presentation of work

- Any work not produced electronically **must** be agreed with your tutor, in which case the evidence you produce should be scanned and submitted as an electronic piece of evidence.
- All of your work **must** be clearly labelled with the task number, student details, a clearly titled front page and headers used throughout the documents.
- Electronic files **must** be given a clear file name for identification purposes – see tasks for relevant naming conventions.
- All pages of your work **must** be numbered in the format 'Page X of Y', where X is the page number and Y is the total number of pages.
- You **must** complete and sign the External Assessment Cover Sheet (EACS) – Declaration of Authenticity and include it at the front of your assessment task evidence.
- You **must** submit your evidence to the supervisor at the end of the supervised session.

Extended written response task 1: multifocal problem solving

Scenario

You are working as an optical assistant in a local practice. A 47-year-old returns to your practice with headaches, and they are concerned that they are struggling to read at work with their new varifocals.

They are not sure whether the headaches are related to stress or the new spectacles. They work as a teacher, and this is their first pair of varifocals. They wear varifocals when reading the board in class, when working on a computer during lesson planning, and when marking books in the evenings at home.

You have been asked to investigate the problem to check whether the varifocals have been manufactured and fitted correctly and make recommendations to ensure the patient can use their spectacles comfortably.

Task

Discuss how you would investigate the problem, including what checks you would complete and what equipment you would use.

Explain how you would carry out the checks you have chosen.

Discuss the potential implications for the patient and summarise the advice you would offer.

Your response should include examples to illustrate your points and demonstrate a clear understanding of the link between multifocal problem solving and high-quality patient care.

[20 marks]

Record your response here:

SAMPLE

Extended written response task 2: components of prescriptions and types of vision

Scenario

You are working as an optical assistant when a 39-year-old research analyst attends for a dispensing appointment following their eye examination.

They have been told they have hyperopia and astigmatism and need spectacles specifically to use for reading on a screen.

Task

Analyse the prescription below and outline how you would explain it to the patient.

Discuss how it relates to their own sight, what hyperopia and astigmatism are, and how it may affect vision.

Explain how the lens suggested by the optometrist will improve their vision.

R I G H T	SPH	CYL	AXIS	PRISM	BASE		SPH	CYL	AXIS	PRISM	BASE	L E F T
		+1.00	- 1.00	180			Distance	- 0.75	- 0.75	170		
		Near ADD	+0.50			Near		Near ADD	+0.50			

Comments:

VA: R. 6/5 L. 6/5

Near VA: R. N4 L. N4

[20 marks]

Record your response here:

SAMPLE

Extended written response task 3: higher powered lenses

Scenario

You are working as an optical assistant and take a handover from the optometrist.

An 18-year-old social media content influencer attends for lens and frame selection after noticing their vision is blurred. Following the sight test, it is found that the patient is moderately myopic, and they become concerned about wearing spectacles and more so because of the strength of the lenses. Appearance is a key aspect of their job. They are not keen to explore contact lenses at this stage.

They work extensively on their phone, tablets and laptops, almost 15 hours a day. They want the thinnest, lightest lenses possible due to the high prescription.

The patient wants advice on frame and lens options available. Following lens and frame selection, the patient agrees to proceed with the spectacles, and you will need to take the appropriate measurements and order the lenses from a glazing laboratory.

Task

Analyse the prescription below and discuss the optimal frames and lens choices for the patient. Include reasons for your recommendation.

Describe the measurements you will need to take and why.

You should also transpose the prescription for the order.

R	SPH	CYL	AXIS	PRISM	BASE		SPH	CYL	AXIS	PRISM	BASE	L
I G H T	-	-	70			Distance	-	-	160			E F T
	7.00	1.00				Near						

Comments:

BVD 12 mm

[20 marks]

Record your response here:

SAMPLE

Extended written response task 4: legislation

Scenario

You are working as an optical assistant within an independent practice, and you have the following scheduled appointments for this morning:

- a 14-year-old student arrives requesting an adjustment on their new spectacles that were ordered online from another company but with the prescription from your practice. They ask you to adjust them as they don't fit properly
- a customer wants to return expensive designer frames purchased last month, claiming the metal is causing skin irritation, but they have no receipt and the frames show signs of damage
- a patient falls in the entrance area on a wet bit of floor that had no signage in place
- one of your acquaintances comes in for a 'temporary' repair on their safety spectacles. They tell you it is an emergency as they cannot go to work without the spectacles being fixed.

Task

Discuss the legal requirements you must follow in relation to the scenarios listed above.

Your response should include examples of appropriate working practices with consideration to the impact on both you as an optical assistant and the business if these are **not** followed.

[20 marks]

Record your response here:

SAMPLE

Change history record

Version	Description of change	Approval	Date of issue
v1.0	First published version	20 April 2026	30 April 2026

SAMPLE

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