

# T Level Technical Qualification in Healthcare Science

Occupational specialism assessment (OSA)

## Optical Care Services

Assignment 4

Assignment brief

v1.1: Specimen assessment materials  
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## T Level Technical Qualification in Healthcare Science Occupational specialism assessment (OSA)

# 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 work independently and make your own decisions as to how to approach the tasks within the extended written tasks
- you must clearly name and date all of the work that you produce during the supervised session
- you must hand over all of your work to your tutor at the end of the supervised session

## 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 should 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 not take any assessment materials outside of the room (for example, via a physical memory device)
- you must not upload any work produced to any platform that will allow you to access materials outside of the supervised sessions (including email)
- you can fail to achieve marks if you do not fully meet the requirements of the task, or equally if you are not able to efficiently meet the requirements of the task

## Plagiarism

Copying may result in the external assessment task being awarded a U grade. For further guidance, refer to your student handbook – plagiarism guidance and maladministration and malpractice policy located at [www.qualhub.co.uk](http://www.qualhub.co.uk).

## Presentation of work

- clearly show where sources have been used to support your own ideas and opinions
- clearly reference all sources used to support your own ideas and opinions, including any quotations from websites
- 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 should be clearly labelled with the relevant task number and your student details, and be legible (for example, front page and headers)
- electronic files should be given a clear file name for identification purposes – see tasks for any relevant naming conventions
- all pages of your work should 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 assessment cover sheet (ACS) 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 task 1: multifocal problem solving

### Scenario

You are working as an optical assistant in a local practice. A patient returns to your practice concerned that they are struggling to read at work with their new varifocals. They work as an accountant and this is their first pair of glasses. They manage both computer and handwritten accounts as part of their role. You have been asked to investigate the problem to check whether they have been manufactured and fitted correctly and make recommendations to ensure the patient can use their glasses comfortably.

### Task

Discuss how you would investigate the problem, what checks you would complete and what equipment you would use, including a summary on what conclusions you reach and any advice you would give to the patient.

(20 marks)

**Record your response here:**

SAMPLE

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

### Scenario

You are working as an optical assistant and you take a handover following a sight test. The patient has a prescription for glasses and has also been told by the optometrist that they have a cataract developing in their left eye. The patient asks you to explain what the prescription means and how this relates to their sight problem, as they cannot remember how the optometrist explained it to them, including the cataract.

### Task

Analyse the prescription below and outline how you would explain the prescription to the patient, including how it relates to their own sight, what a cataract is and how it may affect vision.

| R                | SPH   | CYL         | AXIS  | PRISM | BASE |          | SPH   | CYL         | AXIS  | PRISM | BASE | L           |
|------------------|-------|-------------|-------|-------|------|----------|-------|-------------|-------|-------|------|-------------|
| I<br>G<br>H<br>T | -2.00 | -1.00       | 80    |       |      | Distance | -3.00 | -0.50       | 170   |       |      | E<br>F<br>T |
|                  |       | Near<br>Add | +2.00 |       |      | Near     |       | Near<br>Add | +2.00 |       |      |             |

**Comments:**

VA: R. 6/6 L. 6/9

Near VA: R. N6 L. N8

(20 marks)

**Record your response here:**

## Extended written task 3: higher powered lenses

### Scenario

You are working as an optical assistant and you take a handover from the optometrist; the patient wants advice on frame and lens options available. Following lens and frame selection, the patient agrees to proceed with the glasses, and you will need to take the appropriate measurements and order the lenses remotely from a glazing house. The glazing house works in plus cylinder form and requires knowing the blank size to order.

### Task

Analyse the prescription below and discuss the optimal frames and lenses choices, including why these would be recommended, and describe the measurements you should take and why. You should also transpose the prescription for the order, explaining how you would calculate the minimum blank size.

| R                | SPH   | CYL   | AXIS | PRISM | BASE |          | SPH   | CYL   | AXIS | PRISM | BASE | L      |
|------------------|-------|-------|------|-------|------|----------|-------|-------|------|-------|------|--------|
| I<br>G<br>H<br>T | +5.00 | -1.00 | 70   |       |      | Distance | +5.50 | -0.50 | 160  |       |      | E      |
|                  |       |       |      |       |      | Near     |       |       |      |       |      | F<br>T |

**Comments:**

BVD 12mm

(20 marks)

**Record your response here:**

## Extended written 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 patient is returning with their safety glasses as their lens has fallen out
- a 15 year old is attending for a sight test and will require glasses to be dispensed
- a patient has complained about their new frame after a rash appeared; they are returning to the practice for it to be sorted
- a patient who had their eyes tested elsewhere is booked in to purchase a pair of prescription sunglasses

The floors within the practice are prone to becoming slippery during wet weather and it has been raining since the night before.

### Task

Discuss the legal requirements that you must follow, including 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:

## Document information

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Owner: Head of Assessment Design

## Change History Record

| Version | Description of change                   | Approval      | Date of Issue    |
|---------|---|---------------|------------------|
| v1.0    | Post approval, updated for publication. |               | September 2021   |
| v1.1    | Sample added as a watermark             | November 2023 | 17 November 2023 |