# Written Qualifying Examination Content Outline

<table>
<thead>
<tr>
<th>Subject</th>
<th>Domain</th>
<th>Percentage Allocation on WQE Examination</th>
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<tbody>
<tr>
<td><strong>Lens and Cataract</strong></td>
<td>isolated cataract&lt;br&gt;cataract associated with other ocular disease/anomaly&lt;br&gt;cataract associated with systemic disease and/or treatment&lt;br&gt;cataract after previous ophthalmic procedure(s)&lt;br&gt;aphakia and pseudophakia</td>
<td>12%</td>
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<td><strong>Cornea, External Disease and Anterior Segment</strong></td>
<td>infections&lt;br&gt;immune-mediated diseases&lt;br&gt;neoplasms&lt;br&gt;toxic/traumatic/metabolic diseases&lt;br&gt;ocular surface disorders&lt;br&gt;dystrophies/degenerations</td>
<td>13%</td>
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<td><strong>Glaucoma</strong></td>
<td>primary open-angle glaucoma&lt;br&gt;primary angle-closure glaucoma&lt;br&gt;secondary glaucomas&lt;br&gt;glaucoma suspect/ocular hypertension</td>
<td>13%</td>
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<td><strong>Neuro-Ophthalmology</strong></td>
<td>visual loss&lt;br&gt;diplopia/eye movement disorders&lt;br&gt;pupil&lt;br&gt;headache/pain&lt;br&gt;systemic and CNS disease</td>
<td>10%</td>
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<td><strong>Oculofacial, Plastics, and Orbit</strong></td>
<td>eyelid and facial disorders&lt;br&gt;lacrimal diseases&lt;br&gt;orbital tumors and malformations&lt;br&gt;orbital inflammation and infection&lt;br&gt;eyelid, facial, and orbital trauma</td>
<td>10%</td>
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| Pediatric Ophthalmology and Strabismus | Amblyopia  
Anterior segment dysgenesis, pediatric glaucoma, developmental corneal and lens disorders  
Uveitis and retinal disorders  
Neuro-ophtalmic and orbital diseases  
Strabismus  
Ocular manifestations of systemic disease | 11% |
| Refractive Management and Optics | Optics, instrumentation, and low vision  
Refractive error, non-surgical  
Refractive error, surgical | 8% |
| Retina, Vitreous, and Intraocular Tumors | Macular diseases  
Retinal vascular diseases  
Vitreous and peripheral retinal abnormalities  
Dystrophies and metabolic disorders  
Trauma and intraocular foreign body  
Intraocular tumors | 15% |
| Uveitis                         | Anterior uveitis  
Intermediate uveitis  
Non infectious Posterior and pan uveitis  
Infectious uveitis and neoplastic masquerades | 8% |
Each question on the WQE will be from one of the subject areas above and will cover one of these four aspects of patient care:

- Presentation (history, clinical exam, differential)
- Diagnostic Testing
- Management/ Outcomes/ Complications/ Prognosis
- Pathophysiology/ Basic Science/ Histology/ Epidemiology/ Risk Assessment

Some questions may also cover components of one or more of the following:

- Landmark studies
- General medicine aspects as related to ophthalmology
- Patient safety, quality improvement, risk management, and diagnostic error
- Ethics
- Pathology
- Communication and team-based care