Test Blueprint

1. **Ametropia/Ophthalmic Optics: 17 items (12%)**
   A. Spectacle correction of ametropia
      1. Patient education on safety factors of eyewear and materials
      2. Spectacle lens designs or optical materials recommendations
      3. Prismatic correction
      4. Troubleshooting issues due to spectacle lens fabrication or frame selection/fit
   B. Myopia management
      1. Patient education regarding risk factors and lifestyle options
      2. Dual-focus contact lens designs
      3. Contact lenses other than dual-focus design
      4. Pharmaceutical management
   C. Vision rehabilitation/low vision
      1. Collection of specific patient history and demographic data
      2. Specific testing to assess visual status and determine management plan
      3. Non-surgical treatment (high adds, magnifying devices, lighting, lifestyle changes)
      4. Treatment/management techniques used by vision impairment/low vision specialists

2. **Contact Lenses 9 items (6%)**
   A. Fitting and prescribing soft contact lenses (spherical, toric and multifocal)
   B. Fitting and prescribing rigid, gas permeable (RGP) contact lenses
   C. Fitting and prescribing scleral lenses
   D. Fitting and prescribing for patients with keratoconus or other irregular corneas
   E. Assessment, differential diagnosis and treatment/management of CL-related complications

3. **Refractive and Cataract Surgery 12 items (9%)**
   A. Managing patients with cataracts
   B. Pre-and/or post-operative care for cataract surgery
   C. Recommend/co-manage specialty IOL implants (toric, multifocal, extended-range-of-focus, accommodative)
   D. Pre-and/or post-operative care for patients undergoing refractive surgery

4. **Binocular Vision/Pediatrics/Vision Therapy 13 items (9%)**
   A. Patient history and demographic data
   B. Specific testing to assess patient's binocular, accommodative or oculo-motor status and determine a management plan
   C. Non-surgical treatment options (spectacle Rx, near ADD, prism, vision therapy)
   D. Non-surgical treatment of strabismus
E. Treatment of non-refractive amblyopia
F. Treatment of refractive amblyopia

5. Anterior Segment 33 items (24%)
A. Diagnosis and treatment/management of disorders of lids and lashes
B. Diagnosis and treatment/management of disorders of the lacrimal system/dry eye
C. Diagnosis and treatment/management of disorders of ocular adnexa
D. Diagnosis and treatment/management of disorders of orbit
E. Diagnosis and treatment/management of disorders of cornea
F. Diagnosis and treatment/management of disorders of conjunctiva
G. Diagnosis and treatment/management of disorders of uvea
H. Diagnosis and treatment/management of disorders of episcleral/sclera
I. Use of topical medications (prescription and OTC)
J. Interpretation and use of corneal topography
K. Interpretation and use of pachymetry
L. Interpretation and use of anterior segment photography
M. Interpretation and use of corneal and anterior segment imaging
N. Use of bandage contact lenses
O. Removal of ocular foreign bodies

6. Posterior Segment 21 items (15%)
A. Diagnosis and treatment/management of vitreous diseases and disorders
B. Diagnosis and treatment/management of macular diseases and disorders
C. Diagnosis and treatment/management of retinal vascular diseases
D. Treatment and management options for non-vascular chorioretinal diseases
E. Treatment and management options for peripheral retinal diseases and disorders
F. Indications for and/or interpretation of fundoscopy with auxiliary lenses
G. Indications for and/or interpretation of fundoscopy with binocular indirect ophthalmoscopy
H. Indications for and/or interpretation of fundus photography and wide-field retinal imaging
I. Indications for and/or interpretation of posterior segment/retinal OCT
J. Indications for and/or interpretation of OCT angiography (OCT-A)

7. Glaucoma 13 items (9%)
A. Assessment, differential diagnosis, and management of glaucoma, glaucoma suspects, and ocular hypertension
B. Use of glaucoma medications, including contraindications/complications
C. Indications for and/or interpretation of gonioscopy
D. Indications for and/or interpretation of RNFL/optic nerve OCT
E. Indications for and/or interpretation of visual fields

8. Neuro-Ophthalmic Disorders 10 items (7%)
A. Assessment, differential diagnosis, and management of visual pathway disorders
B. Assessment, differential diagnosis, and management of pupillary disorders
C. Assessment, differential diagnosis, and management of cranial nerve disorders
D. Assessment, differential diagnosis, and management of optic nerve disorders (excluding glaucoma)
E. Assessment, differential diagnosis, and management of headaches (including migraines)

9. Systemic Health 12 items (9%)
   A. Patient education regarding preventive health care measures (obesity, smoking cessation)
   B. Coordination of care with other health care providers/specialists of patients with systemic disease
   C. Indications for and interpretation of blood pressure measurement
   D. Managing ocular side effects of systemic medications
   E. Patient education to patients with systemic disease with or without eye-related findings
   F. Indications for and/or interpretation of blood chemistry (CBC, ESR, A1c, etc.)
   G. Use of oral medications (prescription and OTC), including contraindications/complications
   H. Use of nutraceuticals and supplements