



Table of Specifications

100 MCQs

Sr. No.	Section	Topic / Content Area	No. of MCQs
1-23	Basic Ophthalmology	Ocular Anatomy, Physiology, Pharmacology, General Pathology (as per approved blueprint)	30
24-40	General Principles of Ophthalmic Surgery	Pre-op evaluation, asepsis, anesthesia, instruments, tissue handling, wound healing, post-op care	30
41-52	Clinical Ophthalmology	Adnexa, Conjunctiva, Cornea, Uvea, Lens, Glaucoma, Retina, Optic Nerve, Trauma, Strabismus	40



Breakdown

Sr. No.	Section	Topic / Content Area (Concept-based)	No. of MCQs
1	Ocular Anatomy	Eyelids & Lacrimal Apparatus	1
2	Ocular Anatomy	Conjunctiva & Sclera	1
3	Ocular Anatomy	Cornea (layers, nutrition, transparency)	2
4	Ocular Anatomy	Uveal Tract (iris, ciliary body, choroid)	2
5	Ocular Anatomy	Lens (structure, metabolism)	1
6	Ocular Anatomy	Retina (layers, macula, fovea)	2
7	Ocular Anatomy	Optic Nerve & Visual Pathway	1
8	Ocular Physiology	Physiology of Vision (phototransduction)	2
9	Ocular Physiology	Rods vs Cones	1
10	Ocular Physiology	Aqueous Humor (formation & drainage)	2
11	Ocular Physiology	Intraocular Pressure Regulation	1
12	Ocular Physiology	Tear Film & Lacrimation	1
13	Ocular Physiology	Pupillary Reflexes	1
14	Ocular Pharmacology	Routes of Ocular Drug Administration	1
15	Ocular Pharmacology	Mydriatics & Cycloplegics	2
16	Ocular Pharmacology	Antiglaucoma Drugs (mechanism-based)	2
17	Ocular Pharmacology	Adverse Effects of Ocular Drugs	1



18	Ocular General Pathology	Inflammation (acute vs chronic)	1
19	Ocular General Pathology	Cellular Injury & Cell Death	1
20	Ocular General Pathology	Degeneration & Dystrophy	1
21	Ocular General Pathology	Ischemia & Hypoxia	1
22	Ocular General Pathology	Neovascularization (mechanism)	1
23	Ocular General Pathology	Healing & Repair	1

General Principles of Ophthalmic Surgery

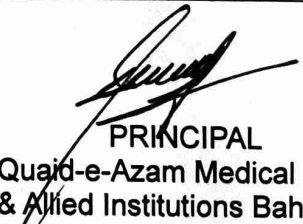
Sr. No.	Domain	Topic (Ophthalmology-Relevant Surgical Principles)	No. of MCQs
1	Pre-operative Principles	Patient evaluation & fitness for ophthalmic surgery	2
2	Pre-operative Principles	Informed consent (ethical & legal aspects)	1
3	Pre-operative Principles	Pre-operative preparation of eye & patient	2
4	Asepsis & Sterilization	Principles of asepsis in ophthalmic OT	2
5	Asepsis & Sterilization	Sterilization of ophthalmic instruments	2
6	Asepsis & Sterilization	OT discipline & prevention of surgical site infection	1



7	Anesthesia in Ophthalmology	Types of anesthesia (local vs general)	2
8	Anesthesia	Regional blocks (peribulbar, retrobulbar – principles only)	2
9	Anesthesia	Complications of ophthalmic anesthesia (general concepts)	1
10	Surgical Instruments	Basic ophthalmic surgical instruments (principles of use)	3
11	Surgical Instruments	Sutures & needles used in eye surgery	2
12	Hemostasis & Tissue Handling	Principles of tissue handling in eye surgery	2
13	Hemostasis & Tissue Handling	Methods of hemostasis in ophthalmic surgery	1
14	Wound Healing	Stages of wound healing in ocular tissues	2
15	Wound Healing	Factors affecting healing in eye surgery	1
16	Post-operative Care	Immediate post-operative care principles	2
17	Post-operative Care	Post-operative complications (general principles)	2
Clinical Ophthalmology			
Sr. No.	Clinical Area	Topics Included	No. of MCQs
1	Disorders of Eyelids	Blepharitis, chalazion, ptosis (clinical features & principles of management)	2
2	Lacrimal Apparatus	Epiphora, dacryocystitis (clinical presentation & evaluation)	2



3	Conjunctiva	Conjunctivitis (bacterial, viral, allergic), xerosis (clinical differentiation)	4
4	Cornea	Corneal ulcer, keratitis, corneal opacity (clinical signs & basics of management)	5
5	Sclera & Episclera	Episcleritis vs scleritis (clinical distinction)	2
6	Uveal Tract	Anterior uveitis (clinical features, complications)	3
7	Lens	Cataract (types, clinical features, indications for surgery)	4
8	Glaucoma	Primary open-angle & angle-closure glaucoma (clinical features, screening)	5
9	Retina	Diabetic retinopathy, retinal detachment (clinical presentation)	5
10	Optic Nerve	Optic neuritis, papilledema (clinical recognition)	3
11	Ocular Trauma	Mechanical & chemical injuries (initial assessment & principles)	3
12	Strabismus & Amblyopia	Basic concepts, screening & clinical identification	2


PRINCIPAL
 Quaid-e-Azam Medical College,
 & Allied Institutions Bahawalpur