



**SCHOOL OF OPTOMETRY & VISION SCIENCES
SINDH INSTITUTE OF OPHTHALMOLOGY &
VISUAL SCIENCES (SIOVS), HYDERABAD**



UNDERGRADUATE 5 YEARS DEGREE PROGRAM

BS VISION SCIENCES

SYLLABUS FOR ADMISSION TEST

SIOVS
2025

SINDH INSTITUTE OF OPHTHALMOLOGY
& VISUAL SCIENCES EYE HOSPITAL
HYDERABAD



SCHOOL OF OPTOMETRY

Estd. May 2025



**SCHOOL OF OPTOMETRY & VISION SCIENCES
SINDH INSTITUTE OF OPHTHALMOLOGY &
VISUAL SCIENCES (SIOVS), HYDERABAD**



SECTIONS	TABLE OF CONTENTS
SECTION 1	BIOLOGY
SECTION 2	CHEMISTRY
SECTION 3	PHYSICS
SECTION 4	ENGLISH
SECTION 5	LOGICAL REASONING

STRUCTURE

- Total number of MCQs: 100
- Duration of Entry Test: 2 hours
- Format: Paper-based MCQs
- Minimum pass marks for Admission: 50
- **No negative marking**

WEIGHTAGE**WEIGHTAGE**

Subject	Percentage	No. of MCQs
Biology	30%	30
Chemistry	20%	20
Physics	30%	30
English	10%	10
Logical Reasoning	10%	10
TOTAL	100	100

Chapters	Biology – Class XI (First Year)	Biology – Class XII (Second Year)
1.	The Biology	Homeostatics
2.	Enzymes	Support & Movement
3.	The Cell	Nervous Coordination
4.	Bio-Energetics	Development & Aging
5.	Variety of Life	Chromosome & DNA
Chapters	Physics– Class XI (First Year)	Physics – Class XII (Second Year)
1.	The Scope of Physics	Electrostatics
2.	Motions	Physics of Solids
3.	Work, Power & Energy	Current Electricity
4.	Nature of Light	Dawn of Modern Physics
5.	Geometrical Optics	Nuclear Physics
Chapters	Chemistry– Class XI (First Year)	Chemistry – Class XII (Second Year)
1.	Introduction to Fundamental Concepts of Chemistry	Fundamental principles of organic chemistry
2.	States of Matter (Gases and Liquids)	Chemistry of hydrocarbons
3.	Chemical bonding	Chemistry of life
Chapters	English	Logical Reasoning
1.	Vocabulary-Based Questions:	General Understanding
2.	Grammar & Usage	Critical Thinking
3.	Sentence Completion	Scenario Based/Mental Mathematics
4.	Spelling	General Knowledge
5.	Analogies	Cause and Effect

Copyright © July 2025

**School of Optometry & Vision Sciences
SIOVS**

@ Eye Hospital Journalist Colony, Hyderabad

Phone: +92-22-9210351-2, Fax: +92-22-2106802

Web: www.siovs.edu.pk, E-mail:

controller.exams@siovs.edu.pk

**SINDH INSTITUTE OF OPHTHALMOLOGY
& VISUAL SCIENCES EYE HOSPITAL
HYDERABAD**



SCHOOL OF OPTOMETRY

Estd. May 2025