

Syllabus of the competitive examination to be conducted through the Commission for appointment to the post of Specialist Medical Officers (Ophthalmology) under Bihar Health Services.

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| Name of Post | - Specialist Medical Officer (Ophthalmology) |
| Type of Examination | - Objective Type (Computer Based Test) |
| Time Duration | - 02:00 Hours |
| Number of Questions | - 100 |
| Total Marks | - 400 Marks |
| Marks for Each Right Answer | - 04 Marks |
| Negative Marks for Each Wrong Answer | - 01 Mark |

Question will be asked under following syllabus :

1. Basic Sciences :

a. Orbital and ocular anatomy

I. Gross anatomy

II. Histology

III. Embryology

b. Ocular Physiology

c. Ocular Pathology

d. Ocular Biochemistry

General biochemistry, biochemistry applicable to ocular function

e. Ocular Microbiology

General Microbiology, specific microbiology applicable to the eye

f. Immunology with particular reference to ocular immunology

g. Genetics in ophthalmology

h. Community Eye Health

2. Optics

a. Basic physics of optics

b. Applied ophthalmic optics

- c. Applied optics including optical devices
- d. Disorders of Refraction

3. Clinical Ophthalmology

- a. Disorders of the lids
- b. Disorders of the lacrimal system
- c. Disorders of the Conjunctiva
- d. Disorders of the Sclera
- e. Disorders of the Cornea
- f. Disorders of the Uveal Tract
- g. Disorders of the Lens
- h. Disorders of the Retina
- i. Disorders of the Optic Nerve and Visual Pathway
- j. Disorders of the Orbit
- k. Glaucoma
- l. Neuro-ophthalmology
- m. Paediatric ophthalmology
- n. Ocular involvement in systemic disease
- o. Immune ocular disorders
- p. Strabismus and Amblyopia
- q. Ocular oncology
