

Subject-Specific Recommendations: 2024 Admission Batch and Onwards

Subject: Ophthalmology

Instruction Phases: [Phase II and Phase III Part I]

1. Preamble

This document is guided by NMC CBME Guidelines 2024 (Notification No. D-11011/500/2024 Academic Cell e-8284443 dated 12 September 2024) and ongoing CBME updates.

2. Teaching hours

Theory Hours

Ophthalmology	Large group teaching	SGT/ Practicals/ Tutorials/ Seminars	SDL	Total
MBBS Phase-3, part 1	30	50	20	100

Clinical Postings Duration in Weeks

Phase	Phase II	Phase III / I	Total
Ophthalmology	04	04	08

3. AETCOM competencies allotted for ophthalmology –

3.1	Shows How	Demonstrate ability to communicate to patients in a patient, respectful, nonthreatening, non-judgmental and empathetic manner (Focus : Effective communication while administering informed consent)
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4. Internal Assessment (IA)

Ophthalmology	Phase II	Phase III / I	Phase III/I	Total	Conversion to 100
	IA 1	IA 2	Prelim		
	A	B	C	D	E
Theory	-	100	100	200	D / 2
Practical	50	50	100	200	D / 2

Note: The practical IA1 will be conducted as posting ending/ ward leaving examination and it

will cover only practical as there are no theory classes in phase II. The questions in 1st and 2nd IA should cover the topics/competencies covered till the scheduled date of respective examination.

➤ **Details of IA (theory)**

Question Number	Type of Question	Maximum Marks per question	Number of Questions	Total marks per Question
Section A	MCQs including Scenario based MCQs	1	20	20
Section B				
2	Long answer question	1	Any two out of three	30
3	Short Answer Question (including Scenario based and reasoning questions including one on AETCOM)	3	Compulsory all three including one on AETCOM	15
Section C				
4	Scenario based long answer question	15	01	15
5	Short answer question Clinical reasoning	20	04 out of five clinical reasoning	20
			Total Marks	100

A. Prelims: As per MUHS final examination (1 paper of 100 marks)

➤ **Details of IA (Practical)**

A. 1st IA practical

(To be scheduled at the end of Phase II Clinical posting)

Head	Details	Number of items	Marks for each item	Total marks per Question
Case	Long case	1	20	20
OSCE	OSCE	2	5	10
Table viva	Instrument/ surgical procedure	1	5	5
	Surgical pathology and radiology	1	5	5
	Journal / log book and viva	1	10	10
Total				50

B. 2nd IA practical

(To be scheduled at the end of Phase III/ I Clinical posting)

Head	Details	Number of items	Marks for each item	Total marks per Question
CASE	Long case	1	20	20
OSCE	OSCE	2	5	10
Table viva	Instrument/ surgical procedure	1	5	5
	Surgical pathology and radiology	1	5	5
	Journal / log book and viva	1	10	10
Total				50

C. Prelims : As per MUHS final practical examination.

Continuous internal assessment:

In addition to above formative assessments for theory and practical, colleges are encouraged to conduct continuous internal assessment (CIA) by home assignments, class tests, seminars, museum study, library assignments, clinical case presentations, problem solving exercises, participation in project for health care in the community, Quiz, Certification of competencies, log book evaluation, SDL skills etc. Such assessment shall be the ongoing process, without any quantification of assessment outcome. Qualitative feedback and guidance, aimed at obtaining the certifiable skills and achievements of the competencies, should be provided to the students. The results of this CIA shall not be a part of the marks of formal internal assessments, and hence shall not be used to determine the eligibility to appear for the MUHS examination.

Eligibility to appear for MUHS final examination**1. Eligibility based on Internal Assessment**

A student must secure at least 50% of the total marks (combined in theory and practical / clinical); and minimum 40% in theory and practical separately for internal assessment in order to be eligible for appearing at the final University examination of the subject.

Following are the details for the subject.

	Total marks	Converted to	Conversion formula	Eligibility criteria (based on converted marks)	
				Individual	Total
Theory (Including 1 st , 2 nd PCT and Prelims)	200	100	Total marks obtained/2	40	100 (Theory + Practical)
Practical (Including Phase II posting ending, Phase III/I posting ending and Prelims)	200	100	Total marks obtained / 2	40	

While preparing Final Marks of Internal Assessment, the rounding-off marks shall be done as illustrated in following table.

Total Internal Assessment Marks	Final rounded marks
33.01 to 33.49	33
33.50 to 33.99	34

Internal assessment marks will not to be added to marks of the University examinations and will be shown separately in mark list.

During the course:

If Internal assessment (IA) marks are less for any of the theory / practical IA examinations, the students/parents must be intimated about the possibility of being detained, much before the subsequent internal assessment examination so, so that there is sufficient time to improve.

No extra IA examination shall be conducted for such students, to improve their score, rather such students are mentored and guided, so that they improve in subsequent IA examinations. However, only one extra examination can be conducted after preliminary examinations, only for those students who have missed any of IA examinations due to genuine reasons (see below for details).

Extra examination for students who have missed IA examination due to genuine reasons

If a student has missed any of the IA examinations due to genuine reasons, then such students must apply to academic committee for permission to appear for one extra examination which is to be conducted after prelim examination. Academic committee, after verifying the genuineness for absence, may permit such students to appear for one extra examination (one theory and one practical).

Even if a student has missed two or more theory / two or more practical examinations, then such student can appear for ONLY one extra examination. In such situations, eligibility should be considered after totaling the marks of the appeared examinations, without changing the denominator.

At the end of Phase III part I:

If a student fails to secure 40% marks and theory and practical individually and 50% combined marks in practical, such students shall be detained to appear in regular university examination of that batch.

Remedial measures for detained students

- i. In spite of above measures, if student is still not meeting the IA criteria to be eligible for regular MUHS exam he/she shall be detained to appear in regular university examination.

- ii. Remedial IA examination is to be conducted before the supplementary examination. The examination shall be conducted as per the final MUHS examination theory and practical pattern.
- iii. The student is eligible to appear for MUHS supplementary examination, if he/she secures minimum 40% marks in theory and practical (40/100 and 40/100, respectively) AND minimum 50% combined marks (100/200).

2. Eligibility based on attendance

To be eligible to appear for final MUHS examination, students must have at least 75% attendance in theory and at least 80% attendance in practical.

During the course:

If attendance is less during any quarterly/ six monthly/ periodic monitoring, the students/parents must be intimated about the possibility of being detained much before the final university examination, so that there is sufficient time for improving their attendance.

Such students may be offered any of the locally possible remedial measures such as attending classes with previous batches (without affecting other subjects' attendance) or extra classes. However, scheduling of such remedial measures are optional for a college, and no such student can claim eligibility to appear for MUHS examination on the basis of non-scheduling of such remedial measures. The decision of scheduling of such remedial measures will be taken as per the absolute discretion of head of the department, considering the available resources.

At the end of phase III part I:

If attendance is less than the required criteria at the end of regular classes for the subject, the student is detained to appear in regular university examination of that batch (for that subject).

Remedial measures for detained students

1. In spite of above measures, if student is still not meeting the criteria to be eligible for regular MUHS exam, he/she shall be detained to appear in regular university examination.
2. If his/her attendance is $\geq 60\%$ in theory and practical, then remedial measures can be offered to such detained students, (after regular MUHS examination), so that they can complete the attendance criteria to be eligible to appear for supplementary examination. Detained students may be offered any of the locally possible remedial measures such as

attending classes with previous batches (without affecting other subjects' attendance) or extra classes.

3. If the attendance is $< 60\%$, such students are neither eligible for remedial measures nor eligible for supplementary examination. Such students must attend all the classes including lectures, practical, postings etc with next batch and appear for regular MUHS examination of next batch, for the subject.