

ASSESSMENT POLICY

STANDARD OPERATING PROCEDURES



LAHORE MEDICAL AND DENTAL COLLEGE

DEPARTMENT OF MEDICAL EDUCATION

1. INTRODUCTION

This manual of standard operating procedures applies to Lahore Medical & Dental College examinations and assessments which follow regulations set by University of Health Sciences.
(www.uhs.edu.pk/downloads/examinationregulations.pdf)

Assessment is an integrated process involving variety of procedures to obtain information about student learning and development.¹ Assessment is necessarily ingrained term in the curriculum. Assessment when properly planned and carried out has a powerful steering effect on learning and curriculum. In medical education, its importance cannot be overstated as the stakes are very high.



Dr Nighat Nadeem
Associate Professor / HOD
Department of Medical Education
Lahore Medical and Dental College

1.1 Responsibility

All faculty and staff involved in issuing and/or supervising examinations and assessments are responsible for:

- Ensuring these procedures are followed
- Ensuring that examinations and assessments are conducted under standard conditions that are consistent and fair to students.

1.1.1 Terms of Reference (TOR) of Assessment Committee

With proposed faculty by Principal LMDC, the following is the assessment policies committee approved by the Academic Council. The committee receives its mandate from the Dean /Principal LMDC. The purpose of the committee is to define, or provide a structured framework for the development, implementation, and management of assessment policies within the college. These policies are designed to ensure the rigorous, fair, and ethical assessment of students, faculty, and programs to uphold the highest standards of medical education

Assessment committee is as follows:

Sr. No.	Name	Designation
1.	Prof. Mian Muhammad Shafique	Parton Principal LMDC
2.	Prof. Wasim Amer	Member / Incharge Traditional Assessment HOD of Medicine
3.	Prof. Hasnat Ahmed Butt	Member HOD of Surgery
4.	Prof. Seema Daud	Member HOD of Community Medicine
5.	Prof. Iffat Badar	Member HOD of Anatomy
6.	Prof. Aamir Bashir	Member HOD of Forensic Medicine
7.	Prof. Athar Adnan Uppal	Member HOD of ENT
8.	Prof. Shazia Nilofar Ibnerasa	Member HOD of Pathology
9.	Prof. Rubina Bashir	Member HOD of Biochemistry
10.	Dr. Nighat Nadeem	Member / Incharge Modular Assessment Associate Professor / HOD Medical Education

- Meetings quorum is maintained with 75% attendance of committee members
- The committee will meet at least quarterly
- The committee provides guidance and support on matters relating to
 - a. Student assessments, including examinations, clinical evaluations, and practical assessments.

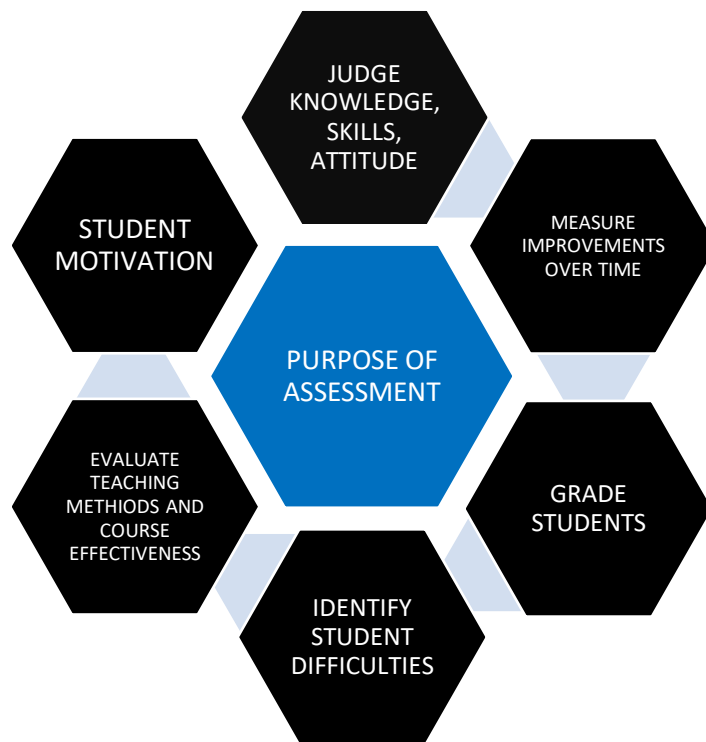
- Incorporate variety in assessment procedures.
- Beware of limitation of assessment procedures.
- Modify instructional plan according to feedback.
- Assessment is a means to an end, and not an end in itself.

2. ASSESSEMENT POLICY IN LAHORE MEDICAL & DENTAL COLLEGE

With our college following traditional discipline based curriculum guidelines given by Pakistan Medical & Dental Council, University of Health Sciences, following assessment standard operating procedures have been formulated.

- The main purpose of assessing students is shown below(Figure 1).³

FIGURE 1:

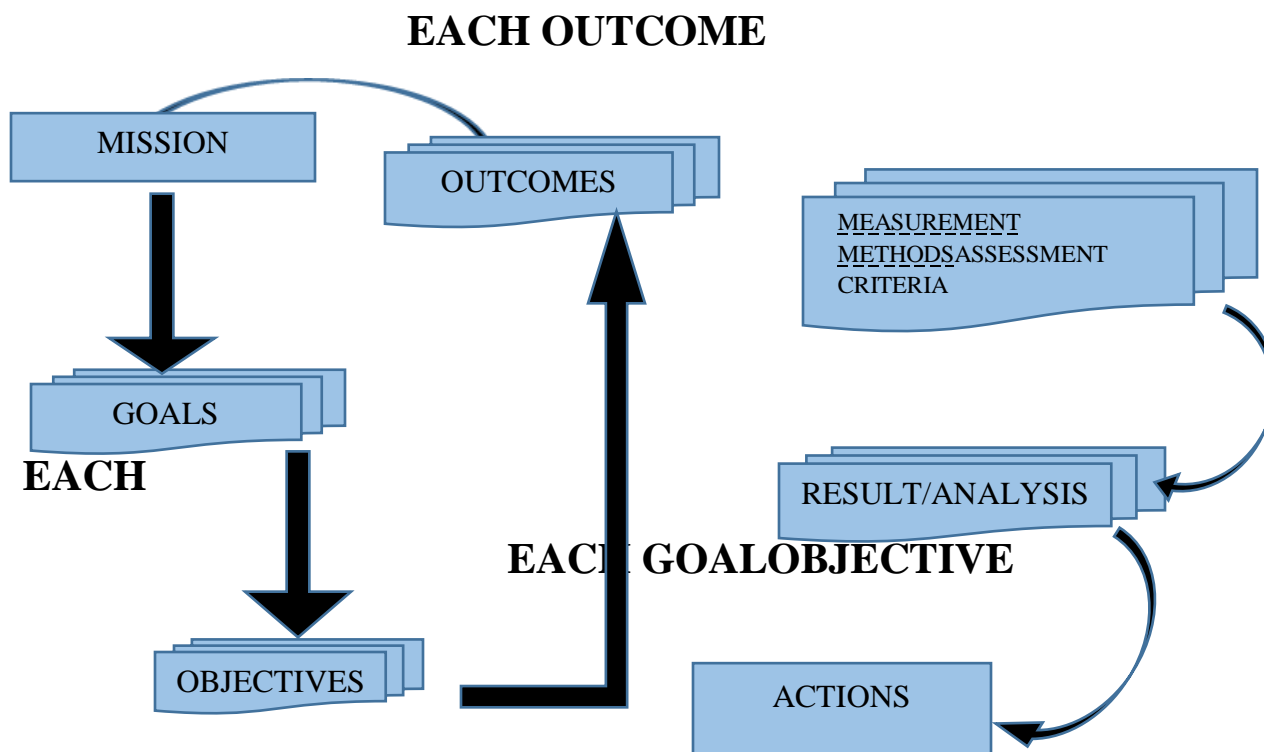


- Criterion Referenced Assessment (50% pass).
- Assessments will be at end of each term as well as end of year.
- The frequency, timing and weightage of assessments will be feasible, valid and reliable.⁴
- Assessment criteria will be clear and available to students in a timely manner.
- Appropriate feedback from students and teachers after each term (formative as well as summative assessments) will be carried out.
- Assessment schedule once approved will not be changed without approval by the Assessment Committee and Academic Council.

2.1 Assessment Procedures

The simplified instructional model (Figure 3) below summarizes the basic steps to be followed in the instructional process and illustrates the interrelated nature of teaching, learning and assessment.

FIGURE 2



- **Instructional Goal**

Regarding the MBBS program our specific instructional goal is a competent physician that is the product. This will be the foundation of the assessment plan.

2.2 Types of Assessment Procedures

Performance of students will be assessed as following:

- i. **Continuous Assessment During Academic Year**

It will incorporate both formative and summative assessment for all academic years.

- **Formative:** Conducted throughout each term. Though low stake examinations but with feedback will improve student learning, leading to better performance in summative assessment.
- **Summative:** Conducted at end of each term, consisting of MCQ, SAQ, OSPE and structured viva. However, logbooks will be maintained during each academic year, according to the departmental requirements.

ii. End of Term Assessment

This will be summative carried out at end of each academic year.

2.3 Assessment Tools

Various tools selected are as follows according to UHS guidelines.

i. Written Assessment

• Multiple Choice Question

MCQs are extremely flexible and assess knowledge, understanding, interpretation and application. These will be effective to test cognitive aspects of students, one best answer type MCQ are used.

• Short Answer Question

Written assessment formats are the most well-known and most widely used assessment methods in medical education. Learning outcomes which are mainly based on cognitive domains can be assessed by written tools. We will use short answer question (SAQ).

ii. Assignments

Every month in various departments topics concerned with the term will be given for assignment. These will be a part of formative assessment. As well as Clinico- Basic and Pathologic Conferences are held for preclinical and clinical years, respectively.

iii. Practical/Clinical Assessment

• OBJECTIVE STRUCTURED PRACTICAL EXAM (OSPE)

A formative OSPE will be held during terms and summative at the end of year. It will consist of laboratory-based and practical questions related to the learning objectives covered in the course. The students will be given feedback after formative assessment.

• OBJECTIVE STRUCTURED CLINICAL EXAM (OSCE)

A formative OSCE will be held during the term and summative at the end of year. It will consist of clinical and practical questions related to the learning objectives covered in the course. The students will be given feedback after formative assessment.

• LONG CASE

At the end of fourth and final year each subject will be assessed by a long case. Daily encountered problems will be the case scenarios for which students will be trained during formative assessment in clinics.

• STRUCTURED VIVA

At the end of examination an integrated viva will be taken in which relevant specialists will sit and ask questions. There will be guidelines for examiners to follow.

- **LOG BOOKS**

In case of log books required entries will be countersigned by observer. It will be criterion referenced whereas the students will have to fulfill following criteria: for example assignments, case presentations in wards, departmental log books.

iv. Observation

- **INTERNAL ASSESSMENT**

The progress report from teachers will have separate column about behavior and attitude of students in each term in addition to academic record with minimum pass of 50%.

2.4 Notification of Results

Faculty Assessment Committee will display result on notice board as well as online on the college website <http://www.lmdc.edu.pk>.

Results as hard copy and e-mail will also be sent to parents of each term.

3. Conducting Examinations and Assessments

Conducting Examinations and Assessments According to University of Health Sciences Guidelines. In all examinations and assessments, the conditions underpinning the examination or assessment shall be displayed on concerned department notice boards to students prior to the examination or assessment taking place.

Note: Any requests for special assistance example reader/writer are to be made prior to the examination or assessment.

3.1 Examinations and Assessments conducted under ‘Examination Conditions’

A. Students may only enter the examination room under the instruction of the supervisor.

1. Students must display their LMDC Student ID card on their desk throughout the examination. In the event that a student forgets their ID card, the supervisor may, at his/her discretion, allows the student to provide some other form of identification such as a NIC.
2. All bags and personal possessions must be left clear of the seating area, near the entrance/exit of the examination room.
3. Hats, caps and earplugs are not to be worn in the examination room and watch alarms must be turned off.
4. Cell phones are to be switched off and left with bags/personal possessions near the entrance/exit of the examination room. No other forms of electronic listening and/or receiving devices or digital/mobile technologies are permitted in the examination room.

5. Students may bring only the following equipment to the examination; pens, pencils, eraser, ruler. Pencil cases, wallets and purses are not permitted on desks.

Nothing edible may be brought into the examination room. Students may bring a clear, plastic water drink bottle.

Dictionaries, printed or electronic, are not permitted and other materials will be permitted as specified on the examination cover sheet.

6. Paper or answer booklets will be supplied. Any rough working notes are to be handed to the supervisor at the end of the examination.
7. Reading time may be specified in the 'Instructions to Candidates' and this will be conducted in silence prior to commencement of the examination.

During the reading time, students must not write in their answer books or make notes; the supervisor will announce when they may commence writing.

8. Students will be instructed to:

- a) Write their name clearly on each sheet of writing paper used or on the answer sheet provided.
- b) Number each answer and each page of that answer.
- c) Answer all questions legibly in pen/ink.
- d) Clearly cross out errors (white-out should not be used).
- e) Read special instructions with care, and follow them.

9. A student may not enter the examination room after the first fifteen minutes.

10. A student may not leave the examination room in the first thirty minutes of the examination or during the last fifteen minutes.

11. If a student wishes to go to the toilet or becomes ill during an examination, they must raise their hand and will be escorted out by a supervisor. Students must not leave the room unaccompanied to go to the toilet.

12. The supervisor will tell students when there are thirty minutes remaining before the end of the examination and again when there are fifteen minutes remaining.

13. Students will not continue writing or add anything to their answers after the supervisor has announced the end of the examination.

14. Students shall not communicate with each other in the examination room or copy from another's answers.

15. In the event of suspected cheating, the student(s) will be cautioned by the supervisor, any equipment found in the student(s)' possession will be confiscated, and the circumstance will be noted and reported to the lecturer.

16. If a fire alarm sounds during an examination, the supervisor will make a note of the time the examination stopped, and:
- a) Instruct students to stop writing and turn their examination papers over;
 - b) Remind students that examination conditions still apply and that they must not talk with each other about the examination;
 - c) Ask the students to calmly and quickly evacuate the building;
 - d) Once permission has been given to re-enter the building the students will be seated and asked to draw a line under their work to indicate what was done before and after the disruption;
 - e) The examination will be restarted when everyone is settled; an additional 10 minutes grace period will be allowed in addition to the time lost during the disruption.

In the event of the examination being abandoned, a new examination will be prepared and an alternative date and time will be scheduled.

New rules and attendance policy for detainees are attached as below:



LAHORE MEDICAL & DENTAL COLLEGE
CANAL BANK NORTH, TULSPURA, LAHORE

Ref: No. LM&DC/ 12390-410 Dated: 31-7-23

All Heads of Basic and Clinical Department
Lahore Medical and Dental College,
Lahore

Sub: **ELIGIBILITY CRITERIA FOR APPEARING IN UHS PROFESSIONAL EXAMINATION**

1. REGULAR STUDENTS

- i. All regular students from first year to final year, must meet the university criteria of 75% overall attendance in classes and 50% class tests passed to appear in annual UHS Professional Examinations.
- ii. Criteria for attendance in final year is 75% overall attendance in each subject i.e (attendance in 3rd year clinical subjects + attendance in 4th year clinical subjects + attendance in 5th year clinical subjects)
- iii. Those students who fail to meet above criteria will not be allowed to appear in annual examinations, and will appear in supplementary examinations.

2. SUPPLEMENTARY HOLDERS

- i. Supplementary holders in any professional examination must start attending classes from the next day after supplementary examination is over.
- ii. Supplementary holders after passing supplementary examination will be allowed to appear in next year's annual exams only if they fulfill University criteria of 75% attendance and 50% class tests passed by the end of respective year or 90% attendance and 75% class tests passed during post supplementary period.

3. DETAINED STUDENTS OF ALL YEARS

- i. The detained students in any year will not be allowed to sit in the next annual exams unless they have attended 90% of regular classes during post detention period in the subject they are detained and 75% class tests passed after declaration of the supplementary result till the end of the session.
- ii. If they fail to meet the said requirement, they will be considered in-eligible to appear in the upcoming Annual University examination and will appear in the next supplementary exam.

4. DETAINED STUDENTS OF FINAL YEAR

- i. The detained students of Final Professional Supplementary Examination will not be allowed to sit in next annual exams unless they have attended 90 % of regular classes during post detention period in the subject they are detained. They are also required to pass 75% of the given tests by respective Clinical Departments.
- ii. These students will have to produce a certificate issued by Head of the concerned department indicating full details of above activities.
- iii. If they fail to do so, he/she will not be allowed to appear in the annual examination and will appear in the next supplementary exams only.

Prof. Mian Muhammad Shafique
Principal
Lahore Medical & Dental College
Lahore

Copy is forwarded for information:

1. Company Secretary/Director Finance & Accounts, LM&DC, Lahore
2. Prof. Aqib Sohail, Dean/Principal, Dental College, LM&DC, Lahore
3. Dr. Bilal Asgher, Senior Consultant, LM&DC, Lahore (Share this information on website)
4. Director Medical Education, LM&DC, Lahore
5. Director Administration, LM&DC, Lahore
6. Director IT, LM&DC, Lahore (Notification to all students)
7. Assistant Student Affairs, LMDC, Lahore

B. Practical Assessments

The regulations for the preparation and conduct of practical assessments vary between subject areas. Where regulations have not been specified they have to be put up to the academic committee.

C. Assignments

Different departments are autonomous to carryout according to their subject content and context.

REFERENCES

1. Miller M, Linn R L Gronhund N E.”Measurement and Assessment in Teaching”. Eighth edition. London: Prentice Hall; (2000)
2. Ben-David, Miriam Friedman. “Outcome-based education: Part 3-Assessment in outcome-based education. AMEE Guide No. 14: " *Medical Teacher* 21.1 (1999): 23-25.
3. Amin Zubair, Yap Seng Chong, and HoonEngKhoo. “*Practical guide to medical student assessment*”. Singapore: World Scientific, (2006).
4. Newble, David, and Robert Cannon. "Assessing the students." A Handbook for Medical Teachers. Springer Netherlands, (1994). 107-141.



UHS Affiliated Colleges

ASSESSMENT POLICY

MBBS 1st 2nd & 3rd Professional Examination



Statutes

1. The First Professional MBBS Examination shall be held at the end of the first year MBBS, whereas, the Second Professional MBBS Examination shall be held at the end of the second year.
2. Every candidate shall be required to study contents of Anatomy (including Histology), Physiology, Biochemistry, Behavioural Sciences, Community Medicine & Public Health, Pathology, Pharmacology & Therapeutics, Islamic Studies/ Civics and Pakistan Studies, Clinical skills and Professionalism, Ethics, Research and Leadership. The teaching and assessment shall be done in three modular blocks.
3. There will be three papers in the first professional examination, and four papers in the second professional examination:

First Professional Exam:

- a. Paper 1 will be based on contents of Block 1;
- b. Paper 2 will be based on contents of Block 2;
- c. Paper 3 will be based on contents of Block 3;

Second Professional Exam:

- a. Paper 1 will be based on contents of Block 4;
 - b. Paper 2 will be based on contents of Block 5;
 - c. Paper 3 will be based on contents of Block 6;
 - d. Paper 4 will be based on contents of Islamic studies/Civics and Pakistan Studies
4. Each paper will comprise of two components “Written” and “Oral/Practical/Clinical” examinations.
 5. The “Written” and “Oral/Practical/Clinical” examination in each paper will carry **175** marks each, making the total marks of **350** for each of the papers 1,2, and 3 (inclusive of Internal Assessment).
 6. Total marks for the First and Second Professional Examinations shall be 1050, each. Marks of Islamic Studies/Civics and Pakistan Studies shall not be counted towards total marks of any professional examination, and determination of position or merit of a candidate. However, the candidates failing in the subject of Islamic Studies/Civics & Pakistan Studies, while passing other subjects of 2nd professional examination, may not be subjected to detention, as the subject has no contribution towards total marks of any professional examination, and determination of position or merit. The students may rather be allowed to pass the examination in the subject, before appearing in their final professional MBBS examination, and in case of their failure to clear the subject they may not be allowed to take their final professional MBBS examination.

7. Major content areas of the first two professional years shall be from:
 - a. Anatomy including applied/clinical Anatomy;
 - b. Physiology including applied/clinical Physiology;
 - c. Biochemistry including applied/clinical Biochemistry;
8. The Applied/Clinical content for the Anatomy, Physiology and Biochemistry shall be based on clinical correlations.
9. Integrated clinical content areas of the both years include Behavioral Sciences, Community Medicine & Public Health, Pathology, Pharmacology & Therapeutics, Clinical Foundation- I & II and PERLs- I & II.

Written Examination

- a. The written component of Papers 1, 2, and 3 will consist of 'One-best- type' Multiple Choice Questions (MCQ) and Structured Essay Questions (SEQ) in a ratio of 65:35 %.
- b. Each MCQ will have five options (one best response and four distractors) and will carry one (01) mark.
- c. There will be no negative marking.
- d. There will be one section/s within an SEQ, and it will be a structured question with five (05) marks each.
- e. SEQ will only be based on the content areas of the year.
- f. There will be total of 90 MCQs and 10 SEQs in every written paper in Papers1, 2, and 3.
- g. The duration of each written paper will be 195 minutes (03 hours &15 min).
- h. The MCQ section will be of 95 minutes duration and the SEQ section of 100 minutes.

Oral/Practical/Clinical Examination

- i. The "Oral/Practical/Clinical" component of each Papers 1, 2, and 3 will consist of a total of sixteen (16) OSPE/OSCE/OSVE stations in each "Oral/Practical/Clinical" examination.
- j. Eleven (11) Observed OSPE (Objective Structured Practical Examination) stations will be from major subject areas. Each OSPE station will have the practical component and an evaluation of the underlying principle relevant to that practical with a component of applied knowledge.
- k. There will be two (02) Observed OSCE (Objective Structured Clinical Examination) stations, based on C-FRC-I and PERLs-I in each "Oral/Practical/Clinical" examination.
- l. There will be three (03) Observed interactive OSVE (Objective Structured Viva Examination) from major subject areas. Each OSVE station will have a structured viva, to assess a practical component along with evaluation of the underlying principle relevant to that practical with an element of applied/practical knowledge and related clinical application.
- m. Each OSPE station will carry eight (08) marks.
- n. Each OSCE from C-FRC-I and PERLs-I Will carry 5 marks.
- o. Each OSVE station will carry fourteen (14) marks

p. The duration of each 'Oral/Practical/Clinical' examination will be 100 minutes.

q. Time for each OSPE, OSCE and OSVE station will be six (06) minutes.

10. Every candidate shall take the examination in the following Blocks (modules) in First & Second Professional MBBS Examinations: -

Year 1

A.	Block 1 (Foundation-I + Hematopoietic & Lymphatic) Marks	350
B.	Block 2 (Musculoskeletal & Locomotion-I) Marks	350
C.	Block 3 (Cardiovascular-I+ Respiratory-I) Marks	350

Year 2

I.	Block 4 (Gastrointestinal Tract & Nutrition-I + Renal-I) Marks	350
II.	Block 5 (Endocrinology & Reproduction-I + Head & Neck, Special Senses) Marks	350
III.	Block 6 (Neurosciences-I + Inflammation) Marks	350
IV.	Islamic Studies/ Civics + Pakistan Studies Marks	100

A. Block 1 (Foundation-I + Hematopoietic and Lymphatic)

The examination in Block 1 shall be as follows: -

I. One written paper of **140** marks having two parts:

- i. Part-I shall have ninety (90) Multiple Choice Questions (MCQs) of a total of **90** marks (01 mark for each MCQ) and the time allotted shall be **95** minutes.
There will be no negative marking.
- ii. Part-II shall have ten (10) Structured Essay Questions (SEQs) of a total of **50** marks (05 marks for each SEQ) and the time allotted shall be **100** minutes.

II. The "Oral/Practical/Clinical" examination shall have **140** marks in total.

III. The duration of each 'Oral/Practical/Clinical' examination will be 100 minutes. Time for each OSPE, OSCE and OSVE stations will be six (06) minutes.

IV. The continuous internal assessment through the 'Block Examination', conducted by the college of enrollment shall carry **70** marks, i.e., **20%** of the total allocated marks (**350**) for the block. The score will be equally distributed to the Written and "Oral/Practical/Clinical" Examinations.

B. Block 2 (Musculoskeletal & Locomotion-I)

The examination in Block 2 shall be as follows: -

- I. One written paper of **140** marks having two parts:
 - i. Part I shall have ninety (90) Multiple Choice Questions (MCQs) of total **90** marks (01 mark for each MCQ) and the time allotted shall be **95** minutes. There will be no negative marking.
 - ii. Part II shall have ten (10) Structured Essay Questions (SEQs) of total 50 marks (05 marks for each SEQ) and the time allotted shall be **100** minutes.
- II. 'Oral/Practical/Clinical' examination shall have **140** marks in total.
- III. The duration of each 'Oral/Practical/Clinical' examination will be 100 minutes. Time for each OSPE. OSCE and OSVE stations will be six (06) minutes
- IV. The continuous internal assessment through 'Block Examination', conducted by the college of enrollment shall carry **70** marks, i.e., 20% of the total allocated marks (**350**) for the block. The score will be equally distributed to the "Written" and "Oral/Practical/Clinical" Examinations.

C. Block 3 (Cardiovascular-I + Respiratory-I)

The examination in Block 3 shall be as follows: -

- I. One written paper of **140** marks having two parts:
 - i. Part I shall have ninety (90) Multiple Choice Questions (MCQs) of total **90** marks (01 mark for each MCQ) and the time allotted shall be **95 minutes**. There will be no negative marking.
 - ii. Part II shall have ten (10) Structured Essay Questions (SEQs) of a total **50** marks (05 marks for each SEQ) and the time allotted shall be **100** minutes.
- II. The "Oral/Practical/Clinical" examination shall have **140** marks in total.
- III. The duration of each 'Oral/Practical/Clinical' examination will be 100 minutes. Time for each OSPE. OSCE and OSVE stations will be six (06) minutes
- IV. The continuous internal assessment through the 'Block Examination', conducted by the college of enrollment shall carry **70** marks, i.e., 20% of the total allocated marks (**350**) for the block. The score will be equally distributed to the Written and 'Oral/Practical/Clinical' Examinations.

D. Block 4 (Gastrointestinal & Nutrition-I + Renal-I)

The examination in Block 4 shall be as follows: -

- I. One written paper of **140** marks having two parts:
 - i. Part I shall have ninety Multiple Choice Questions (MCQs) of a total **90** marks (01 mark for each

MCQ) and the time allotted shall be **95** minutes. There will be no negative marking.

ii. Part II shall have ten Structured Essay Questions (SEQs) of a total **50** marks (05 marks for each SEQ) and the time allotted shall be **100** minutes.

II. "Oral/Practical/Clinical" examination shall have **140** marks in total.

III. The duration of each 'Oral/Practical/Clinical' examination will be 100 minutes. Time for each OSPE, OSCE and OSVE stations will be six (06) minutes

IV. The continuous internal assessment through 'Block Examination', conducted by the college of enrollment shall **carry 70 marks**, i.e., 20% of the total allocated marks (**350**) for the block. The score will be equally distributed to the "Written" and "Oral/Practical/Clinical" Examinations.

E. Block 5 (Endocrinology & Reproduction-I + Head & Neck, Special Senses)

The examination in Block 5 shall be as follows: -

I. One written paper of **140** marks having two parts:

i. Part-I shall have ninety (90) Multiple Choice Questions (MCQs) of total

90 marks (01 mark for each MCQ) and the time allotted shall be **95** minutes. There will be no negative marking.

ii. Part II shall have ten (10) Structured Essay Questions (SEQs) of total **50** marks (05 marks for each SEQ) and the time allotted shall be **100** minutes.

II. "Oral/Practical/Clinical" examination shall have **140** marks in total.

III. The duration of each "Oral/Practical/Clinical" examination will be 100 minutes. Time for each OSPE, OSCE and OSVE stations will be six (06) minutes

IV. The continuous internal assessment through 'Block Examination', conducted by the college of enrollment shall carry **70** marks, i.e., 20% of the total allocated marks (**350**) for the block. The score will be equally distributed to the Written and 'Oral/Practical/Clinical' Examinations.

F. Block 6 (Neurosciences-I + Inflammation)

The examination in Block 6 shall be as follows: -

I. One written paper of **140** marks having two parts:

i. Part-I shall have ninety (90) Multiple Choice Questions (MCQs) of a total of **90** marks (01 mark for each MCQ) and the time allotted shall be **95** minutes. There will be no negative marking.

ii. Part-II shall have ten (10) Structured Essay Questions (SEQs) of a total of **50** marks (05 marks for each SEQ) and the time allotted shall be **100** minutes.

II. The "Oral/Practical/Clinical" examination shall have **140** marks in total.

III. The duration of each 'Oral/Practical/Clinical' examination will be 100 minutes. Time for each OSPE, OSCE

and OSVE stations will be six (06) minutes

- IV. The continuous internal assessment through the 'Block Examination', conducted by the college of enrollment shall carry **70** marks, i.e., 20% of the total allocated marks (**350**) for the block. The score will be equally distributed to the "Written" and "Oral/Practical/Clinical" Examinations.

G. ISLAMIC STUDIES/CIVICS AND PAKISTAN STUDIES

The examination in Islamic Studies/Civics and Pakistan Studies shall be as follows: -

- I. One written paper of 100 marks in Islamic Studies/ Civics and Pakistan Studies having two components:
- The Islamic Studies/Civics component having total 60 marks. There will be three (3) Long Essay Questions (LEQs) to be attempted out of five (5), having 20 marks each.
 - Pakistan Studies component having total 40 marks. There will be two (2) Long Essay Questions (LEQs) to be attempted out of four (4), having 20 marks each.

Note: Islamic Studies for Muslims, and Civics for Non-Muslims candidates.

3rd Year MBBS

Statutes

- The third Professional MBBS Examination shall be held at the end of the third year.
- Every candidate shall be required to study contents of Anatomy (including Histology), Physiology, Biochemistry, Behavioural Sciences, Community Medicine & Public Health, Pathology including microbiology, Pharmacology & Therapeutics, Ophthalmology, Otorhinolaryngology, Surgery, Medicine, Clinical skills and Professionalism, Ethics, Research and Leadership. The teaching and assessment shall be done in three modular blocks.
- There will be three papers in the third professional examination:
Third Professional Exam:
 - Paper 1 will be based on contents of Block 7;
 - Paper 2 will be based on contents of Block 8;
 - Paper 3 will be based on contents of Block 9;
- Each paper will comprise of two components "Written" and "Oral/Practical/Clinical" examinations.
- The Written and 'Oral/Practical/Clinical' examination in each paper will carry 175 marks each, making the total marks of 350 for each of the papers 7,8, and 9 (inclusive of Internal Assessment).

6. Total marks for the Third Professional Examinations shall be 1050.
7. Major content areas of the third professional years shall be from:
 - a. Pharmacology including applied/clinical Pharmacology;
 - b. Pathology including microbiology;
 - c. Community Medicine and Public Health
 - d. Forensic Medicine.
8. The Applied/Clinical content shall be based on clinical correlations.
9. Integrated clinical content areas include General Medicine, General Surgery, Community Medicine & Public Health, Pathology, Pharmacology & Therapeutics, Clinical Rotations (C- FRC– III), PERLs- III, Expository writing and IT.

Written Examination

- a. The written component of Papers 7, 8, and 9 will consist of 'One-best- type' Multiple Choice Questions (MCQ) and Structured Essay Questions (SEQ) in a ratio of 65:35 %.
- b. Each MCQ will have five options (one best response and four distractors) and will carry one (01) mark.
- c. There will be no negative marking.
- d. Each SEQ will be a structured question with five (05) marks each.
- e. SEQ's will only be based on the major content areas of the year.
- f. There will be total of 90 MCQs and 10 SEQs in every written paper in Papers 7, 8, and 9.
- g. The duration of each written paper will be 190 minutes (03 hours and 10 minutes).
- h. The section 'B' of the MCQs and the section 'B' of the SEQs must be passed independently also to be declared as 'pass' in the theory exam.
- i. The MCQ section will be 90 minutes duration and the SEQ section of 100 minutes.

Oral/Practical/Clinical Examination

- a. The 'Oral/Practical/Clinical' component of each Papers 7, 8, and 9 will consist of a total of fifteen (15) OSPE/OSCE/OSVE stations in each 'Oral/Practical/Clinical' examination.
- b. There will be eleven (11) Observed OSPE/OSCE (Objective Structured Practical Examination Objective Structured Clinical Examination) stations from major subject areas. Each OSPE/OSCE station will have the practical component and an evaluation of the underlying principle relevant to that practical with a component of applied knowledge.
- c. There will be one (01) Observed OSCE (Objective Structured Clinical Examination) station, based on PERLs-3 & Expository-3 in each 'Oral/Practical/Clinical' examination.
- d. There will be three (03) Observed interactive OSVE (Objective Structured Viva Examination) from major subject areas. Each OSVE station will have a structured viva, to assess a practical component along with evaluation of the underlying principle relevant to that practical with a component of

applied/practical knowledge and related clinical application.

- e. OSPE/OSCE station from the major subject areas will carry eight (08) marks.
- f. The OSCE station of PERLs-3 & Expository-3 will carry ten (10) marks.
- g. Each OSVE station will carry fourteen (14) marks
- h. The duration of each “Oral/Practical/Clinical” examination will be 120 minutes (2 hours).
- i. Time for each OSPE, OSCE and OSVE station will be eight (08) minutes.

10. Every candidate shall take the examination in the following Blocks (Modules) in the third Professional MBBS Examinations: -

YEAR-3		
A.	Block 7 (Foundation-II + Hematopoietic, Immunity & Implant + General Pharmacology + Forensic Medicine & Toxicology-I)	Marks
		350
B.	Block 8 (Musculoskeletal & Locomotion-II + Infectious Diseases + Neoplasia + Forensic Medicine & Toxicology - II)	350
C.	Block 9 (Cardiovascular-II + Respiratory II + Community Medicine & Public Health + Family Medicine I + Forensic Medicine & Toxicology - III)	350
	Total	1050

A. Block 7 (Foundation-II + Hematopoietic, Immunity & Implant + General Pharmacology + Forensic Medicine-I)

The examination in Block 7 shall be as follows: -

- I. One written paper of 140 marks having two parts:
 - i. Part I shall have ninety Multiple Choice Questions (MCQs) of total 90 marks (01 mark for each MCQ) and the time allotted shall be 90 minutes. There will be no negative marking.
 - ii. Part II shall have ten Structured Essay Questions (SEQs) of total 50 marks (05 marks for each SEQ) and the time allotted shall be 110 minutes.
- II. “Oral/Practical/Clinical” examination shall have 140 marks in total.
- III. The continuous internal assessment through ‘Block Examination’ and other parameters specified, conducted by the college of enrollment shall carry 70 marks, i.e., 20% of the total allocated marks (350) for the block. The score will be equally distributed to the Written and ‘Oral/Practical/Clinical’ Examinations.

B. Block 8 (Musculoskeletal & Locomotion--II + Infectious Diseases + Neoplasia + Forensic Medicine - II))

The examination in Block 8 shall be as follows: -

- I. One written paper of 140 marks having two parts:
 - i. Part I shall have ninety Multiple Choice Questions (MCQs) of total 90 marks (01 mark for each MCQ) and the time allotted shall be 90 minutes. There will be no negative marking.
 - ii. Part II shall have ten Structured Essay Questions (SEQs) of total 50 marks (05 marks for each SEQ) and the time allotted shall be 110 minutes.
- II. “Oral/Practical/Clinical” examination shall have 140 marks in total.
- III. The continuous internal assessment through ‘Block Examination’ and other parameters specified, conducted by the college of enrollment shall carry 70 marks, i.e., 20% of the total allocated marks (350) for the block. The score will be equally distributed to the “Written” and “Oral/Practical/Clinical” Examinations.

C. Block 9 (Cardiovascular -II + Respiratory II + Community Medicine & Public Health + Family Medicine I + Forensic Medicine - II)

The examination in Block 9 shall be as follows: -

- I. One written paper of 140 marks having two parts:
 - iii. Part I shall have ninety Multiple Choice Questions (MCQs) of total 90 marks (01 mark for each MCQ) and the time allotted shall be 90 minutes. There will be no negative marking.
 - iv. Part II shall have ten Structured Essay Questions (SEQs) of total 50 marks (05 marks for each SEQ) and the time allotted shall be 110 minutes.
- II. “Oral/Practical/Clinical” examination shall have 140 marks in total.
- III. The continuous internal assessment through ‘Block Examination’ and other parameters specified, conducted by the college of enrollment shall carry 70 marks, i.e., 20% of the total allocated marks (350) for the block. The score will be equally distributed to the “Written” and “Oral/Practical/Clinical” Examinations.

11. The marks distribution in each subject is given in Table 1:

Table 1

YEAR-1						
Subject	Theory		Practical			Total
Block 1 Modules (Foundation-I + Hematopoietic and Lymphatic)	Part I MCQs (90)	90 Marks	Practical /Clinical Examination	011 OSPE	Marks 88	350
	Part II SEQs (10)	50 Marks		02 OSCE	10	
	Internal Assessment 10%	35 Marks	Internal Assessment 10%	35 Marks		
	Total	175	Total	175		
Block 2 Modules (Musculoskeletal & Locomotion-I)	Part I MCQs (90)	90 Marks	Practical /Clinical Examination	11 OSPE	Marks 88	350
	Part II SEQs (10)	50 Marks		02 OSCE	10	
	Internal Assessment 10%	35 Marks	Internal Assessment 10%	35 Marks		
	Total	175	Total	175		
Block 3 Modules (Cardiovascular-I & Respiratory-I)	Part I MCQs (90)	90 Marks	Practical /Clinical Examination	11 OSPE	Marks 88	350
	Part II SEQs (10)	50 Marks		02 OSCE	10	
	Internal Assessment 10%	35 Marks	Internal Assessment 10%	35 Marks		
	Total	175	Total	175		
Total Marks:						1050
YEAR-2						
Block 4 Modules (GIT & Nutrition-I + Renal-I)	Part I MCQs (90)	90 Marks	Practical /Clinical Examination	11 OSPE	Marks 88	350
	Part II SEQs (10)	50 Marks		02 OSCE	10	
	Internal Assessment 10%	35 Marks	Internal Assessment 10%	35 Marks		
	Total	175	Total	175		
Block 5 Modules	Part I MCQs (90)	90Marks	Practical	11 OSPE	Marks 88	

(Endocrinology & Reproduction-I +	Part II SEQs (10)	50Marks	/Clinical Examination	02 OSCE 03 OSVE	10 42	350
-----------------------------------	-------------------	---------	-----------------------	--------------------	----------	------------

Head& Neck, Special Senses)	Internal Assessment 10%	35 Marks	Internal Assessment 10%	35 Marks		
	Total	175	Total	175		
Block 6 Modules (Neurosciences-I + Inflammation)	Part I MCQs (90)	90 Marks	Practical /Clinical Examination	11 OSPE 02 OSCE 03 OSVE	Marks 88 10 42	350
	Part II SEQs (10)	50 Marks				
	Internal Assessment	35 Marks	Internal Assessment	35 Marks		
	Total	175	Total	175		
	Total Marks:					1050
Islamic Studies/ Civics and PakistanStudies	Islamic Studies/Civics 3 LEQs of 20 marks each			60 Marks		100*
	Pakistan Studies 2 LEQs of 20 marks each			40 Marks		
	Total			100		

12. No grace marks shall be allowed in any examination or practical under any guise or name.
13. At least 25% MCQs & 25% SEQs shall be based on applied/clinical/case scenario to assess high order thinking in the papers set for the students of First and Second Professional MBBS Examinations.

YEAR-3						
Subject	Theory		Practical			Total
BLOCK 7 Modules (Foundation-II + Hematopoietic, Immunity & Implant + General & Clinical Pharmacology + Forensic Medicine & Toxicology-I)	Part I MCQs (90)	90 Marks	Practical /Clinical Examination	11 OSPE 01 OSCE 03 OSVE	Marks 88 10 42	350
	Part II SEQs (10)	50 Marks				
	Internal Assessment 10%	35 Marks	Internal Assessment 10%	35 Marks		
	Total	175	Total	175		
BLOCK 8 Modules (Neoplasia + Infectious Diseases + Musculoskeletal & Locomotion-II + Forensic Medicine & Toxicology- II)	Part I MCQs (90)	90 Marks	Practical /Clinical Examination	11 OSPE 01 OSCE 03 OSVE	Marks 88 10 42	350
	Part II SEQs (10)	50 Marks				
	Internal Assessment 10%	35 Marks	Internal Assessment 10%	35 Marks		
	Total	175	Total	175		
BLOCK 9 Modules (Cardiovascular -II + Respiratory II + Community Medicine & Public Health + Family Medicine I + Forensic Medicine & Toxicology- III)	Part I MCQs (90)	90 Marks	Practical /Clinical Examination	11 OSPE 01 OSCE 03 OSVE	Marks 88 10 42	350
	Part II SEQs (10)	50 Marks				
	Internal Assessment 10%	35 Marks	Internal Assessment 10%	35 Marks		
	Total	175	Total	175		
Total Marks:						1050

14. No grace marks shall be allowed in any examination or practical under any guise or name.
15. At least 50% MCQs & 50% SEQs shall be based on applied/clinical/case scenario to assess high order thinking in the papers set for the students of Third Professional MBBS Examinations

1st & 2nd Year MBBS Internal Assessment Theory

Sr.	Scoring Parameter	Marks out of 20%	Marks Distribution
1	Attendance in Lectures	85-90%=1% , > 90%=2%	85-90%= 01 mark > 90%= 02 marks
		Remedial classes - re-sit exam allowed only after case endorsed and submitted by the college Principal and approval given by the Competent Authority . However, no marks given	
		Remedial classes – re-sit exam allowed only in genuine cases after approval from Competent Authority . However, no marks given	
2	Block Exam	15%	22
3	Continuous Internal Assessment/Class Quiz/Class participation/ Professional Behaviour/ Ethical practices/ Leadership traits/ Module Exam Discipline/Punctuality	3%	06

1st & 2nd Year MBBS Internal Assessment Practical & Behavioral

Sr.	Scoring Parameter	Marks out of 20%	Marks Distribution
1	Attendance in Practicals & Rotations	85-90%=1% , > 90%=2%	85-90%= 01 mark > 90%= 02 marks
		Remedial classes – re-sit exam allowed only after case endorsed and submitted by the college Principal and approval given by the Competent Authority . However, no marks given	
		Remedial classes – re-sit exam allowed only in genuine cases after approval from Competent Authority . However, no marks given	
2	Block Exam (OSPE/OSCE/OSVE)	15%	26
3	CFRC Log Book / PERLs Portfolio	04%	07

Internal Assessment Of 3 rd Year MBBS (Theory)			
Sr. #	Scoring Parameter	Marks out of 20%	Marks distribution
1	Attendance in Lectures	85-90%=1%, > 90%=2%	85-90%= 01 mark > 90%= 02 marks
		Remedial classes – re-sit examination allowed only after case endorsed and submitted by the college Principal and approval given by the Competent Authority . However, no marks given	
		Remedial classes – re-sit exam allowed only in genuine cases after approval from Competent Authority . However, no marks given	
2	Block Examination	15%	27
3	Continuous Internal Assessment/Class Quiz/Class participation/ Professional Behaviour/ Ethical practices/ Leadership traits/ Module Exam Discipline/Punctuality	3%	06

Internal Assessment of 3 rd Year MBBS (Practical & Behavioral)			
Sr #	Scoring Parameter	Marks out of 20%	Marks distribution
1	Attendance in Practicals & Rotations	85-90%=1%, > 90%=2%	85-90%= 01 mark > 90%= 02 marks
		Remedial classes - re-sit examination allowed only after case endorsed and submitted by the college Principal and approval given by the Competent Authority . However, no marks given	
		Remedial classes - re-sit exam allowed only in genuine cases after approval from Competent Authority . However, no marks given	
2	Block Examination (OSPE/OSCE/OSVE)	13%	23
3	CFRC Log Book / PERLs Portfolio	02%	06
4	Ward / Clinical / Bedside assessment based on the clinical rotation / DOPS	02%	04

Table of Specification

MBBS 1st Professional

Block-1

Theme	Subject	Written Exam			Oral/Practical/Clinical Exam			
		MCQ (1 mark)	SEQ (5 mark each)	Marks	OSPE (8 marks each observed)	OSCE (5 marks each observed)	OSVE (14 marks each observed)	Marks
Normal Structure	Anatomy applied/clinical	20	04	40	04	-	01	46
Normal Function	Physiology applied/clinical	22	03	37	03	-	01	38
	Biochemistry applied/clinical	24	02	34	02	-	01	30
Disease Burden & Prevention	Community Medicine & Public Health	06	-	06	-	-	-	-
	Behavioral Sciences	05	-	05	-	-	-	-
Pathophysiology & pharmacotherapeutics	Pathology	08	01	13	1	-	-	8
	Pharmacology	05	-	05	1	-	-	8
CFRC	CF-I	-	-	-	-	01	-	05
PERLs	PERLs-I	-	-	-	-	01	-	05
Total		90	10x5=50	140	11 stations x 08 = 88	02 stations x 05 = 10	03 stations x 14=42	140

**MBBS 1st Professional
Block-2**

Theme	Subject	Written Exam			Oral/Practical/Clinical Exam			
		MCQ (1 mark)	SEQ (5 mark each)	Marks	OSPE (8 marks each observed)	OSCE (5 marks each observed)	OSVE (14 marks each observed)	Marks
Normal Structure	Anatomy applied/clinical	35	04	55	05	-	01	54
Normal Function	Physiology applied/clinical	17	02	27	02	-	01	30
	Biochemistry applied/clinical	13	02	23	02	-	01	30
Disease Burden & Prevention	Community Medicine & Public Health	06	-	06	-	-	-	-
	Behavioral Sciences	04	-	04	-	-	-	-
Pathophysiology & pharmacotherapeutics	Pathology	10	01	15	01	-	-	08
	Pharmacology	05	01	10	01	-	-	08
CFRC	CF-I	-	-	-	-	01	-	05
PERLs	PERLs-I	-	-	-	-	01	-	05
Total		90	10x5=50	140	11 stations x 08 = 88	02 stations x 05 = 10	03 stations x 14=42	140

**MBBS 1st Professional
Block-3**

Theme	Subject	Written Exam			Oral/Practical/Clinical Exam			
		MCQ (1 mark)	SEQ (5 mark each)	Marks	OSPE (8 marks each observed)	OSCE (5 marks each observed)	OSVE (14 marks each observed)	Marks
Normal Structure	Anatomy applied/clinical	17	03	32	03	-	01	38
Normal Function	Physiology applied/clinical	31	04	51	04	-	01	46
	Biochemistry applied/clinical	19	02	29	02	-	01	30
Disease Burden & Prevention	Community Medicine & Public Health	06	-	06	-	-	-	-
	Behavioral Sciences	02	-	02	-	-	-	-
Pathophysiology & pharmacotherapeutics	Pathology	10	01	15	01	-	-	08
	Pharmacology	05	-	05	01	-	-	08
CFRC	CF-I	-	-	-	-	01	-	05
PERLs	PERLs-I	-	-	-	-	01	-	05
Total		90	10x5=50	140	011 stations x 08 = 88	02 stations x 05 = 10	03 stations x 14=42	140

**MBBS 2nd Professional
Block-4**

Theme	Subject	Written Exam			Oral/Practical/Clinical Exam			
		MCQ (1 mark)	SEQ (5 mark each)	Marks	OSPE (8 marks each observed)	OSCE (5 marks each observed)	OSVE (14 marks each observed)	Marks
Normal Structure	Anatomy applied/clinical	23	03	38	04	-	01	46
Normal Function	Physiology applied/clinical	18	02	28	03	-	01	38
	Biochemistry applied/clinical	22	03	37	02	-	01	30
Disease Burden & Prevention	Community Medicine & Public Health	06	-	06	-	-	-	-
	Behavioral Sciences	05	-	05	-	-	-	-
Pathophysiology & pharmacotherapeutics	Pathology	11	01	16	01	-	-	08
	Pharmacology	05	01	10	01	-	-	08
CFRC	CF-II	-	-	-	-	01	-	05
PERLs	PERLs-II	-	-	-	-	01	-	05
Total		90	10x5=50	140	11 stations x 08 = 88	02 stations x 05 = 10	03 stations x 14=42	140

**MBBS 2nd Professional
Block-5**

Theme	Subject	Written Exam			Oral/Practical/Clinical Exam			
		MCQ (1 mark)	SEQ (5 mark each)	Marks	OSPE (8 marks each observed)	OSCE (5 marks each observed)	OSVE (14 marks each observed)	Marks
Normal Structure	Anatomy applied/clinical	30	04	50	04	-	01	46
Normal Function	Physiology applied/clinical	20	04	40	03	-	01	38
	Biochemistry applied/clinical	14	01	19	01	-	01	22
Disease Burden & Prevention	Community Medicine & Public Health	07	-	07	-	-	-	0
	Behavioral Sciences	04	-	04	-	-	-	0
Pathophysiology & pharmacotherapeutics	Pathology	13	01	18	2	-	-	16
	Pharmacology	02	-	02	1	-	-	08
CFRC	CF-II	-	-	-	-	01	-	05
PERLs	PERLs-II	-	-	-	-	01	-	05
Total		90	10x5=50	140	11 stations x 08 = 88	02 stations x 05 = 10	03 stations x 14=42	140

**MBBS 2nd Professional
Block-6**

Theme	Subject	Written Exam			Oral/Practical/Clinical Exam			
		MCQ (1 mark)	SEQ (5 mark each)	Marks	OSPE (8 marks each observed)	OSCE (5 marks each observed)	OSVE (14 marks each observed)	Marks
Normal Structure	Anatomy applied/clinical	24	03	39	03	-	01	38
Normal Function	Physiology applied/clinical	27	04	47	04	-	01	46
	Biochemistry applied/clinical	12	02	22	01	-	01	22
Disease Burden & Prevention	Community Medicine & Public Health	04	-	04	-	-	-	-
	Behavioral Sciences	03	-	03	-	-	-	-
Pathophysiology & pharmacotherapeutics	Pathology	12	01	17	02	-	-	16
	Pharmacology	08	-	08	01	-	-	08
CFRC	CF-II	-	-	-	-	01	-	05
PERLs	PERLs-II	-	-	-	-	01	-	05
Total		90	10x5=50	140	11 stations x 08 = 88	02 stations x 05 = 10	03 stations x 14=42	140

**MBBS 3rd Professional
Block-7**

Subject	Written Exam			Oral/Practical/Clinical Exam			
	MCQ (1 mark)	SEQ (5 mark each)	Marks	OSPE /OSCE (8 marks each observed)	OSCE (10 marks each observed)	OSVE (14 marks each observed)	Marks
Pharmacology	30	05	55	03	-	01	38
Pathology	30	04	50	03	-	01	38
Family Medicine	-	-	-	-	-	-	-
Community Medicine	02	-	02	01	-	-	08
Surgery	05	-	05	01	-	-	08
Medicine	05	-	05	01	-	-	08
Forensic	13	01	18	01	-	01	22
Behavioral	02	-	02	-	-	-	-
Patient Safety	03	-	03	-	-	-	-
CFRC	-	-	-	01	-	-	08
PERLs + Expository	-	-	-	-	01	-	10
Total	90	10x5=50	140	11 stations x 08 = 88	01 stations x 10 = 10	03 stations x 14=42	140

**MBBS 3rd Professional
Block-8**

Subject	Written Exam			Oral/Practical/Clinical Exam			
	MCQ (1 mark)	SEQ (5 mark each)	Marks	OSPE /OSCE (8 marks each observed)	OSCE (10 marks each observed)	OSVE (14 marks each observed)	Marks
Pharmacology	12	02	22	03	-	01	38
Pathology	30	05	55	04	-	02	60
Family Medicine	-	-	-	-	-	-	-
Community Medicine	04	-	04	-	-	-	-
Surgery	15	01	20	01	-	-	08
Medicine	15	01	20	01	-	-	08
Forensic	10	01	15	01	-	-	08
Behavioral	02	-	02	-	-	-	-
Patient Safety	02	-	02	-	-	-	-
CFRC	-	-	-	01	-	-	08
PERLs + ExposiTory	-	-	-	-	01	-	10
Total	90	10x5=50	140	11 stations x 08 = 88	01 stations x 10 = 10	03 stations x 14=42	140

**MBBS 3rd Professional
Block-9**

Subject	Written Exam			Oral/Practical/Clinical Exam			
	MCQ (1 mark)	SEQ (5 mark each)	Marks	OSPE /OSCE (8 marks each observed)	OSCE (10 marks each observed)	OSVE (14 marks each observed)	Marks
Pharmacology	09	02	19	02	-	01	30
Pathology	12	02	22	02	-	-	16
Family Medicine	05	-	05	-	-	-	-
Community Medicine	27	03	42	03	-	01	38
Surgery	10	01	15	-	-	-	-
Medicine	10	01	15	01	-	-	08
Forensic	15	01	20	02	-	01	30
Behavioral	02	-	02	-	-	-	-
Patient Safety	-	-	-	-	-	-	-
CFRC	-	-	-	01	-	-	08
PERLs + Expository	-	-	-	-	01	-	10
Total	90	10x5=50	140	11 stations x 08 = 88	01 stations x 10 = 10	03 stations x 14=42	140