



**Narendra Modi
Medical College**
Sheth L. G. Hospital Campus,
Maninagar, Ahmedabad - 380008,
GUJARAT, INDIA.



Students' Information Brochure
FIRST - M.B.B.S. - Batch: 2022-23
www.metmedical.edu.in

Narendra Modi Medical College

STUDENTS' INFORMATION

Name of the Student: _____

Address: _____

STD & Tel. No. : _____

Batch: 2022-23

Roll No: _____

Period: 15th Nov 2022– 15th Dec 2023

NOTE

The students whose attendance / internal evaluation marks are less than the minimum requisites {as described in the section of "General Rules & Regulations" on P. iv - vi} or who have not paid the requisite College fees will not be sent up for I M.B.B.S. examination till the deficiencies are rectified and the forms will be sent up only for the University examination conducted after the requisite minimum standards are met with or the fees are paid.

NARENDRA MODI MEDICAL COLLEGE

STUDENTS'

INFORMATION

BROCHURE

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NARENDRA MODI MEDICAL COLLEGE

STUDENTS' INFORMATION BROCHURE

OUR INSTITUTE

The college is established by Ahmedabad Municipal Corporation Medical Education Trust with an objective to promote medical education and to provide best possible medical facilities and services to the citizens of Ahmedabad.

AMC Medical Education Trust Medical College is founded in 2009 with an annual intake of 150 students. Ahmedabad Municipal Corporation was next to Mumbai Municipal Corporation to establish Smt.N.H.L.Municipal Medical College of its own in 1963. From this humble beginning, it has now blossomed into another medical college at LG Hospital Campus to grow as one of the most advanced and prestigious medical colleges in the country. The Medical College is affiliated to Gujarat University. From year 2019 onward, there are 200 undergraduate students admitted per year. The Institute have 162 PG Seats now. The objective of the college is not only to produce a good doctor but good citizen with empathy for poor patients.

The college has all the necessary infrastructure and facilities for pre and Para-clinical departments e.g. state of the art laboratories, dissection hall with adequate number of cadavers, museums, lecture halls with teaching aids, multimedia LCD projectors etc. To keep abreast with the recent advances, college has a library with more than 15392 books, journals and computer lab with internet facility and two reading halls of capacity of 200 seats. For recreation, facility of gymkhana and canteen are also available.

Sheath LG General Hospital is the teaching hospital attached to the college which is a 1200 bedded hospital having all the Departments e.g. Medicine & allied, Surgery & allied, Orthopedics, Pediatrics, Obstetrics & Gynecology, plastic surgery etc. There is ample clinical material and requisite facilities for clinical learning for the students. It has got facility for emergency care and intensive care of the patients in form of Medical ICU, Pediatric ICU, Surgical ICU and Neonatal ICU, State of art operation theatres, well-equipped Radiology & Clinical Laboratory departments. The hospital also runs center for providing family welfare services, Suraksha clinic (for STI and HIV/AIDS cases), ICTC and PPTCT centers.

THE CURRICULUM

The college is affiliated to Gujarat University and follows the new course curriculum as prescribed by N.M.C.

The study period of 5 ½ years is divided into four phases as under:

Time table													
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec		
							Foundation Course	I MBBS					
I MBBS								I yr exam	II MBBS				
II MBBS								II yr exam	III MBBS Part 1				
III MBBS Part I									Part 1 exam	Electives and skills			
III MBBS Part II													
Part II exam	Internship												

24-07-2019
MCI Academic Cell - CISP resource material
1

Note: Ward teaching in clinics begins from III semester {II M.B.B.S. I term} and extends up to IX semester {III M.B.B.S. III term}.

Each semester comprises of approximately 120 days of teaching with 8 ½ hours of teaching work. Examinations are taken at the completion of the respective terms and ward postings throughout the course of study. Preliminary examinations based upon the pattern of the respective university examination for I / II / III {Part I & II} M.B.B.S. are taken before the University examination. As per the current guidelines of the University, minimum **75 %** attendance and **50 %** marks are required to be eligible to appear at the University examination.

The degree of M.B.B.S. is awarded by Gujarat University after successful completion of internship.

GENERAL RULES & REGULATIONS

1. Regularity: Regularity in attending all teaching learning sessions - i.e. lectures, tutorials, group discussions, practical, clinics, project work, etc. is essential. You must bring journals and study material in lectures and practical classes / Dissection. You must wear apron while in the college premises. The student must have attended minimum **75 %** of total theory & practical Classes **in each term** for being eligible to appear at 1st M.B.B.S. examination.

2. Internal Evaluation: You are expected to take all the internal tests / examinations as scheduled. Score from each test / examination contributes to the total internal evaluation marks, both in theory and practical.

The student must obtain minimum 50% of total internal evaluation marks in theory & practical **separately in all** the subjects for being eligible to appear at I M.B;B.S. examination of Gujarat University.

3. Payment of Fees & Dues: You are expected to pay the college tuition fees, gymkhana fees, other expenditure for course materials and journals and other dues in as per schedule.

4. I.M.B;B.S. Examination: University examination of I M.B;B.S. will be conducted by Gujarat University after two Semesters. The students whose attendance / internal evaluation marks are less than the minimum requisites or who has not paid the requisite college fees will **not** be sent up for I M.B;B.S. examination till the deficiencies are rectified and the forms will be sent up for the University examination conducted only **after** the requisite minimum standards are met with. As per current regulations, maximum four attempts only are permitted at I M.B;B.S. examination.

5. Accessories: You should buy the following immediately as they would be required while attending the practical's :

- {a} Dissection kit comprising of {i} Scalpels size 21 2"-3"; {ii} Dissection forceps blunt end and pointed end; {iii} Knife; {iv} Tooth forceps 6" strong; {iv} Pen torch & {v} Probe pointed dissector.
- {b} Two white Aprons full size.
- {c} File or note book for writing notes.
- {d} Journals for writing notes in practical classes

GENERAL RULES & REGULATIONS { CONTD. }

6. Discipline:

1. You must maintain discipline and decorum while in the classes or while dissecting the bodies or in the College or within the College / Hospital premises.
2. Students are expected to be polite individually as well as in groups and show respect to all the teaching and non-teaching staff members, patients and **Cadavers**.
3. They are not expected to participate in such activities which harm the academic environment or teacher-student relationship or fellow students.
4. **Ragging in any form is not permitted and severe disciplinary action would be taken in case any student is found to indulge in ragging.**
5. Six self-addressed envelopes with your name and roll number written should be handed over to each head of the department within the first week. Your parents will be informed about your progress periodically
6. Dressing should be decent.
7. Every student must carry his / her identity card at all times and must produce when demanded.

7. Extra Curricular Activities:

Extra-curricular activities have a definite place in the life of the students and are supported and encouraged by the college. However, these activities should *never* be at the expense of time allotted for curricular / academic programmes. Such activities should not lead to absence of students from teaching-learning sessions. **Absence from teaching-learning sessions due to participation in such activities not specifically approved / authorized by the University / College will be treated as unauthorized absence and dealt with accordingly.**

8. Student - Teacher Relationship

A healthy student-teacher relationship goes a long way in the development of students, faculty and also the college. Do not hesitate to bring forth / discuss your genuine problems or to give your suggestions. Feel free to communicate about your difficulties, comments and suggestions to the senior faculty to make the teaching learning process more effective. Please also remember we expect due decorum, due respect to teaching and non-teaching staff members and disciplined behavior from you while within the premises of the college and hospitals.

Wishing you all a fruitful academic and professional career from me and all the teaching and non-teaching members of my team.

**Dr. Dipti M. Shah
Dean**

NATIONAL MEDICAL COMMISSION-GUIDELINES TO CURB RAGGING IN MEDICAL COLLEGES

This is to draw attention of all the students that no student shall indulge in any ragging activity. The following guidelines are for information of all the students of this institute.

- (1) *Every student for the purpose of his/her admission to Medical College shall furnish a Character Certificate from the institute wherefrom he/she has passed his qualifying examination, which would mention the status of his/her behavior pattern specially in terms as to whether he/she has displayed persistent violent or aggressive behavior or any desire to harm others.*
- (2) *The admitting medical institution shall keep intensive watch upon students who has a negative entry in this regard.*
- (3) *An annual undertaking signed by each student whether fresher or senior and his/her parent/s jointly stating that each of them have read the relevant instructions/regulations against ragging as well as punishments, and that if the ward has been found he/she shall be proceeded against, shall be procured.*
- (4) *Such an undertaking shall be furnished in English as well as in vernacular (mother tongue of the parent) at the beginning of each academic year by every student.*
- (5) *An undertaking to the similar effect should be obtained every year from each student admitted to the hostel.*
- (6) *The undertaking should be appended to the brochure containing the guidelines and other relevant instructions in regard to ragging and consequences of indulging in ragging.*
- (7) *The compliance to the above effect shall be ensured by each of the affiliating university to which the concerned medical institution is affiliated and would be verified by the council annually.*
- (8) *In order to ensure the ragging free environment in the campus, each institution shall compulsorily in the 'prospectus' and other admission related documents, shall depict the earlier directions of the Apex court and/or of the Central or State Governments as applicable, so that candidates and their parents are sensitized in respect of the prohibition and consequences of ragging.*
- (9) *Each institution should engage or seek the assistance of "professional counselor" at the time of admissions to counsel fresher's in order to prepare them for their ahead, especially for adjusting to the life in hostels.*
- (10) *It should be ensured that there would be a clear gap of one to two weeks between the date of joining of "fresher's" and the "seniors", ensuring that classes for the seniors shall commence later, so as to enable the "fresher's" to familiarize themselves with the campus environment and adjust to the sudden change over from schools to higher education.*
- (11) *It shall be mandatory for the institutions to inform the parents of senior students to send their wards only on the due date of commencement of the academic session and not earlier.*
- (12) *All the examining universities with which the institutions are affiliated or the deemed to be Universities shall compulsorily amend their relevant ordinances or byelaws, as the case may be, to incorporate the schedule gap of one or two weeks between the date of joining of "fresher's" and "seniors".*
- (13) *Each institution shall arrange a joint "sensitization" programmer and "counseling" of both "fresher's" and "seniors" to be addressed by the Principal/ Head of the Institution and the convener of the Ant ragging Committee. The inmates of the hostel shall be addressed on this count by the hostel warden.*

- (14) *Each institution shall have an Ant ragging Committee and Ant ragging squad, which shall comprise of other than senior teachers of the institution, representatives of Civil & Police administration and local media*
- (15) *Each institution shall constitute "Mentoring Cell" to oversee and involve senior students as "Mentors" for the "fresher's".*
- (16) *Such a Mentoring Cell shall be constituted at the end of every academic year, where application shall be invited from the students to join the Mentoring Cell as Mentors for the succeeding academic year.*
- (17) *An anonymous random survey shall be conducted by each institution across the entire 1st year batch of students every fortnight during the first three months of the academic session in order to verify and cross check whether the campus is genuinely ragging free or not.*
- (18) *The methodology of such survey may be designed by the institution appropriately. However, doing so it shall be ensured that the institution does not compromise with the anonymity of the "whistle blowers".*
- (19) *The institution shall ensure that private commercially managed lodges or hostels outside campuses must be registered with local police authorities and permission to start such hostels or their registration must necessarily be recommended by the Heads of the Medical Institutions.*
- (20) *In case the victim of ragging his / her parent / guardian is not satisfied with the action taken by the Head of the Institution or by other institutional authorities, or where Head of the Institution is of the opinion that the incident ought to be so reported, it shall be mandatory for the institution to file a First Information Report with the local police authorities.*
- (21) *It must be ensured by each of the institution that the complaints or information in regard to ragging could be oral or written and even from third parties and the confidentiality thereof must be protected at all costs.*
- (22) *Each institution shall ensure that remedial action is initiated and completed within a week of the incident itself, so that complaints do not linger and allow either interest in pursuing the matter to wane or enable the culprits to tamper evidence or influence witnesses.*

TIPS TO FRESHER

1. Get used to new technical terms which are mainly based upon Latin roots of English words. Always keep a pocket medical dictionary with you at all times. Do not hesitate to look up the word in the dictionary or ask its meaning.
2. Get familiar with the topic by reading about it from the text-book before the lecture.
3. Develop the habit of taking down notes of the main points of the lecture. Pay attention to the teacher when he is delivering the lecture. Listen to the teacher carefully. Pay attention to the points on which the teacher puts special emphasis.
4. Read the topic of the lecture again from the text-book at home. Supplement your class notes.
5. Review and discuss the topics with your friends in small groups. Develop the habit of participating in the discussion. Develop the habit of speaking in English.
6. The students who have studied in local medium will face difficulty in getting adjusted to the new environment. The medium of instruction in the medical college is English. Such students should also study English as a language to be able to comprehend and express fluently in English.
7. A successful clinician has a strong background of basic sciences, which forms the foundation of understanding and practicing the art and science of Medicine and Surgery.

DEPARTMENT OF ANATOMY

FACULTY

Professor & Head	Dr. Dimple S. Patel
Associate Professor	Dr. Mayuri Shah Dr. Sarzoo Desai
Assistant Professor	Dr. Parul Damor Dr. Monika Vyas Dr. Prakash Gosai
Junior lecture	Dr. Jignesh Bodat Dr. Dipali Ladani

BOOKS RECOMMENDED FOR STUDY

{A} TEXT BOOKS MUST HAVE

1. Human Anatomy by B D Chaurasia Vol. I / II / III
2. Embryology by Inderbir Singh
3. Inderbir Singh's Textbook of Human Histology
4. General Anatomy -BD Chaurasia
5. Human Genetics by GP Pal/Kapoor and Suri
6. Cunningham's manual of Practical Anatomy (Vol I, II, III)
7. Textbook of Clinical Neuroanatomy – Vishram Singh

{B} REFERENCE BOOKS

1. Gray's Anatomy for Students
2. Langman's Embryology
3. Neuro-Anatomy by G P Pal
4. Textbook of Anatomy Vol 1, 2, 3 by Inderbir Singh
5. Grant's Dissector / Thieme's Dissectors (3 volumes)
6. Snell's Clinical Anatomy – By Regions
7. Grant's Atlas-AUGUR
8. THIEME'S ATLAS
9. Textbook of Histology – G P Pal / Brijesh Kumar
10. Essentials of Human Anatomy – A K Dutta
11. General Anatomy – G P Pal / Vishram Singh

DEPARTMENT OF ANATOMY
SYLLABUS & TEACHING SCHEDULE

Semester	Theory {Lecture & Tutorials}	Practicals& Dissection
I	1. General Anatomy(General Terms,Fascia,Muscle,Joint,Bones,Nerves,Blood Vessels)	1. Upper limb
	2. Upper limb	2. Lower limb
	3. Lower limb	3. Thorax
	4. Thorax	4. Histology Practicals (Slides)
	5. General Histology	5. Embryology Models' study
	6. General Embryology	
	7. Genetics[selected topics]	
II	1. Abdomen	1. Abdomen
	2. Head & Neck/Brain(Neuroanatomy)	2. Head & Neck\Brain
	3. Systemic Histology(Microscopic study of various tissues)	3. Histology (Slides)-In Histology Practical
	4. Systemic Embryology : Development of various important systems	4.Embryology Models' study

DEPARTMENT OF PHYSIOLOGY

FACULTY

Professor & Head	Dr. Kena Jasani
Associate Professor	Dr. Rajula Tyagi Dr. Hina Gadhvi
Assistant Professor	Dr. Mahendra R. Shah Dr. Pragna Rawal Dr. Shital Patel
Jr. Lecturers	Dr. Devanshi Upadhyaya Dr. Nitesh Ninama Dr. Harsida Gosai

BOOKS RECOMMENDED FOR STUDY

{A} TEXT BOOKS

1. Text book of Medical Physiology- Guyton and Hall
2. Text book of Medical Physiology - Indu Khurana
3. Comprehensive Textbook of Medical Physiology – G K Pal
4. Principles of Physiology – Debasis Pramanik
5. Fundamentals of Medical Physiology – L Prakasam Reddy
6. Text book of Physiology- Dr A K Jain
7. Physiology prep manual for undergraduates – Vijaya D Joshi

{B} REFERENCE BOOKS

1. Ganong's –Review of medical Physiology
2. Text book of Medical Physiology- Guyton and Hall
3. Berne and Levy Physiology – 7th edition
4. Understanding Medical Physiology—R.L.Bijl

DISTRIBUTION OF TOPICS

Paper I:

General Physiology, Hematology, Renal, Cardiovascular system, Respiratory system, AETCOM Module, Integrated Physiology

Paper II:

Nerve Muscle Physiology, Central Nervous system, Autonomic Nervous system, Special senses, Digestive system, Endocrine system, Reproductive System

STYLE OF EXAMINATION AND MARKING SYSTEM

Time Duration: 3 Hours		PAPER - I		100 MARKS	
SECTION I					
Q. 1	Structured Long Question CVS - Core Physiology	Any 1 out of 2			10 marks
Q. 2 (a)	Case based scenario/ Applied Short notes Hematology, Renal, CVS, Respiratory system	Any 2 out of 3			12 marks
Q. 2(b)	Write Short Notes Hematology, General Physiology	Any 3 out of 4			18 marks
Q. 3	Answer only in 2-3 Sentences CVS, Hematology, General Physiology	Any 5 out of 6			10 marks
SECTION II					
Q. 4	Structured Long Question RS - Core Physiology	Any 1 out of 2			10 marks
Q.5 (a)	Write Short Notes Integrated Physiology	Any 2 out of 3			12 marks
Q. 5(b)	Write Short Notes Renal, AETCOM	Any 3 out of 4			18 marks
Q. 6	Answer only in 2-3 Sentences Respiratory, Renal & Integrated Physiology	Any 5 out of 6			10 marks

DURATION 3 HOURS		PAPER - II		100 MARKS	
SECTION I					
Q. 1	Structured Long Question CNS - Core Physiology	Any 1 out of 2	10 marks		
Q. 2 (a)	Case based scenario/ Applied Short notes CNS, Endocrine, Reproductive, Nerve Muscle	Any 2 out of 3	12 marks		
Q. 2(b)	Write Short Notes GIT & Reproductive system	Any 3 out of 4	18 marks		
Q. 3	Answer only in 2-3 Sentences CNS, GIT, Reproductive system	Any 5 out of 6	10 marks		
SECTION II					
Q. 4	Structured Long Question Endocrine -Core Physiology	Any 1 out of 2	10 marks		
Q.5 (a)	Write Short Notes Nerve Muscle	Any 2 out of 3	12 marks		
Q. 5(b)	Write Short Notes Special Senses, ANS	Any 3 out of 4	18 marks		
Q. 6	Answer only in 2-3 Sentences Endocrine, Special Senses, Nerve Muscle, ANS	Any 5 out of 6	10 marks		

DEPARTMENT OF BIOCHEMISTRY
FACULTY

Professor & Head	Dr. Mahesh Madole
Associate Professor	Dr. Smita Bahediya Dr. Ranjeeta Gaur
Assistant Professor	Dr. Usha Patel Dr. Shaahid Mansuri Dr. Sahema Shaikh
Junior Lecturers	Dr. Dhanalakshmi Shankar Dr. Nasima H Momin Dr. Namrata B Maheshwari Dr. Manisha Kapadia

BOOKS RECOMMENDED FOR STUDY

{A} TEXT BOOKS

Books Recommended For Study

1. Text-book of Biochemistry for Medical students by Vasudevan&Sreekumari, 10th Ed., 2022.
2. Text-book of Medical Biochemistry by U.Satyanarayan 6th Ed. 2022.
3. Text-book of Biochemistry for undergraduates by M.Rafi 4th Ed. 2020.
4. Text-book of Medical Biochemistry by R. Chawla, 2nd Ed. 2017

{B} REFERENCE BOOKS

1. Harper's illustrated Biochemistry by R.K.Murry, Rodwell, et al. 30th Ed., 2015.
2. Lippincott's illustrated review of Biochemistry by Denise R Ferrier 7th Ed, 2017.
3. Biochemistry by Pankaja Nayak 4th Ed. 2015.
4. Biochemistry made Easy—A Problem Based Approach by N.Haridas 1st Ed. 2012.
5. Text book of Medical Biochemistry by Dinesh Puri 3rd Ed, 2014.

**DEPARTMENT OF BIOCHEMISTRY
SYLLABUS & TEACHING SCHEDULE**

Theory (Lecture & Tutorial)	Practical & Demonstration (No. of competency 24)
1. Basic Biochemistry(01 competency)	Commonly used laboratory apparatus and equipment's, good safe laboratory practice and waste disposal.
2. Chemistry and Metabolism of carbohydrate (10 competencies)	Preparation of buffers and estimation of pH
3. Chemistry and Metabolism of Lipids (07 competencies)	Chemical components of Normal Urine.
4. Chemistry and Metabolism of Proteins(05 competencies)	Perform urine analysis to estimate and determine Normal and Abnormal constituents.
5. Metabolism and Homeostasis (15 competencies)	Screening of urine for inborn errors & describe the use of paper chromatography
6. Molecular Biology (07 competencies)	The principles of Colorimetric
7. Nutrition (05 competencies)	Estimation of serum Creatinine and Creatinine clearance.
8. Extracellular Matrix (03 competencies)	Estimation of serum Proteins, Albumin and A:G ratio.
9. Oncogenesis and Immunity (05 competencies)	Estimation of serum Total Cholesterol and HDL-Cholesterol.
10. Enzymes (07 competencies)	Estimation of Serum Triglycerides.
11. Integration: Horizontal and Vertical with other pre ,para and clinical subjects. (82 competencies)	Estimation of Serum Calcium and Phosphorous.
	Estimation of serum Bilirubin.
	Estimation of SGOT/ SGPT.
	Estimation of Serum Alkaline Phosphatase.
	Composition of CSF
	Observe use of commonly used equipment's/techniques in biochemistry laboratory including: <ul style="list-style-type: none"> • pH meter • Paper chromatography of amino acid • Protein electrophoresis • TLC, PAGE • Electrolyte analysis by ISE • ABG analyzer • ELISA • Immunodiffusion • Autoanalyser • Quality control • DNA isolation from blood/ tissue

	<p>Observe use of commonly used equipment's/techniques in biochemistry laboratory including:</p> <ul style="list-style-type: none"> • pH meter • Paper chromatography of amino acid • Protein electrophoresis • TLC, PAGE • Electrolyte analysis by ISE • ABG analyzer • ELISA • Immunodiffusion • Autoanalyser • Quality control • DNA isolation from blood/ tissue
	<p>Explain the basis and rationale of biochemical tests done in the following conditions:</p> <ul style="list-style-type: none"> • Diabetes mellitus, • Dyslipidemia, • Myocardial infarction, • Renal failure, gout, • Proteinuria, • Nephritic syndrome, • Edema, • Jaundice, • Liver diseases, pancreatitis, disorders of acid- base balance • Thyroid disorders.
	Principles of Spectrophotometry.
	Outline the basic principles involved in the functioning of instruments commonly used in a Biochemistry laboratory and their applications.
	Identify abnormal constituents in urine, interpret the findings and correlate these with pathological states.
	Demonstrate estimation of glucose, creatinine, urea and total protein in serum.
	Calculate albumin: globulin (AG) ratio and Creatinine clearance.
	Calculate energy content of different food items, identify food items with high and low glycemic index and explain the importance of these in the diet.
	Enumerate advantages and/or disadvantages of use of unsaturated, saturated and trans fats in food.

DISTRIBUTION OF TOPICS

Paper I: cell and cell membrane, Chemistry and Metabolism of Lipid, Carbohydrates, Hemoglobin, myoglobin & hemoglobinopathies, heme synthesis & breakdown, enzymology, body fluids, water & electrolytes, pH buffers, acid base balance and regulation, biological oxidation, ETC & energy metabolism, body defence mechanism & immunology, detoxification & biotransformation, cancer biochemistry, organ function tests, newer techniques, radioisotopes in medicine, AETCOM

Paper II : Protein & amino acid chemistry and metabolism, protein targeting, plasma proteins, extracellular matrix, chemistry of nucleotide, nucleic acid and their metabolism, molecular biology & techniques, genetic engineering biotechnology, biochemistry of AIDS, integration of metabolism, free radical & antioxidants, vitamins, minerals and nutrition, mechanism of action of hormones.

STYLE OF EXAMINATION AND MARKING SYSTEM

Test	Theory			Practicals
	Duration	Type	Marks	
		Section I		
		Q.1 Structured Long Question {1 out of 2}	10	
		Q.2A short notes/case report {2 out of 3}	12	
		Q2.B. short notes {3 out of 4}	18	
		Q3. Short questions/objectives Answer in 2 to 3 sentences {5 out of 6}	10	
I internal	1 paper of 100 marks for 3 hours	Section II		100 marks
&	in each internal	Q.4 Structured Long Question {1 out of 2}	10	
II	examination	Q.5A short notes/case report {2 out of 3}	12	
internal		Q5. B. short notes {3 out of 4}	18	
		Q6. Short questions/objectives Answer in 2 to 3 sentences {5 out of 6}	10	
Preliminary Examination	2 papers of 100 marks each for 3 hours	Same as internals	Same as internals	100 marks

DEPARTMENT OF COMMUNITY MEDICINE
FACULTY

Professor & Head	Dr. Sheetal Vyas
Associate Professor	Dr..Rachna.Kapoor Dr. Jay Sheth
Assistant Professor	Dr. Anand Solanki [Epidemiologist] Dr. Mayank J Patel [Statistician] Dr. Urvish Joshi Dr. Himanshu K. Nayak Dr. Hemant Gameti Dr. Banshi Davda
Jr Lecturers	Dr. Pallavi Upadhyay Dr. Pinkal Patel Dr. Mitali Solanki Dr. Krushna Modi Dr. Bhargav Dave

BOOKS RECOMMENDED FOR STUDY

{A} TEXT BOOKS

1. Park's Text-book of Preventive & Social Medicine- by K. **Park**–26th Edition
2. Textbook of Community Medicine – by **Rajvir Bhalvar** – 4th Edition
3. IAPSM Textbook of Community Medicine- by **A.M. Kadri**- 2nd Edition
4. Methods In Bio-Statistics- by **B.K. Mahajan**- 9th Edition
5. Textbook of Community Medicine- by **Sundar Lal** – 7th Edition
6. Review of Preventive and Social Medicine (Including Bio-statistics)- by **Vivek Jain**- 13th Edition
7. Single best answer in Community Medicine- by **Kapil Gandha**- 1st Edition
8. Community Medicine & Recent Advances – by **Suryakantha**- 6th Edition
9. Text-book of Community Medicine by **Dr. A. P Kulkarni and Dr. J. P. Baride** 5th edition
10. Text book of Preventive & Social Medicine by Gupta & Mahajan- by **Mahajan and Gupta**- 4th Edition
11. National Health Programs of India by **J Kishor**- 14th Edition
12. Mastering Practical's in Community Medicine- by **Poornima Tiwari and Shashank Tiwari**- 1st Edition
13. Community Medicine Practical Manual- by **Rajkumar Patil**- 1st Edition

{B} REFERENCE BOOKS

1. Maxcy–Rouseneau's Public Health & Preventive Medicine
2. Health in Industry by Donald Hunter

**DEPARTMENT OF COMMUNITY MEDICINE SYLLABUS &
TEACHING SCHEDULE DURING IST MBBS**

Theory {Lecture/Tutorials/SDL}	Visits / Field Visits/Small group teaching:
1. Introduction to Humanities & P.S.M. 2	1. Urban Health Training Center
2. Concept of Health& Disease 2	2. Family Visit in the Community
3. Concept of Control & Prevention 1	3.Rural Health Training Centre
4. Demography & Population Dynamics 1	4. Integrated Counseling and Testing Centre
5. Social Science and Health 3	5. NVBDCP
6. Health for ALL 2	6. Psychiatry dept.
7. Health Care Delivery System 2	7. Blood Bank
8. Hospital Management 1	8. Post-partum Unit & family welfare center
9. Health Economics& budgeting 1	9. NTEP center
10. SDL Sessions 5	10. S.T.D. Clinic
	11.Hospital: {a} Medical record Section
Total = 25 hours	{b} Operation Theaters
	12.Basic Nursing Practice
	13.CSSD
	14.Physiotherapy Centre
	15 Civic Centre Visit
	Total = 27 hours

Note: Teaching schedule of Community Medicine in Semesters of III – VII is given in the information brochure on III M.B;B.S.

INTRODUCTION OF COMPETENCY BASED MEDICAL EDUCATION (CBME) IN MEDICAL EDUCATION

Based on CBME guidelines of Medical Council of India following are the number of competencies to be addressed in each subject:

Sr. No.	Subject	No. of Topics	No. of Competencies
1	Anatomy	82	409
2	Physiology	11	137
3	Biochemistry	11	89
4	Community Medicine	20	107

Details of topics and related competencies can be read by the students at the link provided by NMC which is as under:

<https://www.nmc.org.in/information-desk/for-colleges/ug-curriculum>

TEACHING SCHEDULE FOR FIRST MBBS BATCH 2022-2023
NARENDRA MODI MEDICAL COLLEGE, MANINAGAR

TIME/DAY	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	
9-10 am	Biochem Lecture	Anatomy Lecture	Physiology Lecture	Anatomy Lecture	PSM for 13 weeks / From 14 th week, Physiology and Biochemistry will share these hours	Anatomy Lecture	
10-11 am	Biochem Lecture	Anatomy Lecture	Physiology Lecture	Anatomy Lecture		Anatomy Lecture	
11-12 am	Physiology Lecture	Dissection	Physiology Lecture	Dissection		Histology Practical	
12-1 pm	Physiology Lecture		Biochem Lecture				
1-2 pm	RECESS						
2-3 pm	Physio/Biochem Practicals	Demo	Physio/Biochem Practicals	Demo	Physio/Biochem Practicals		
3-4 pm		Dissection		Dissection			
4-5 pm		Tutorial/GD/SDL		Tutorial/GD/SDL			
*Out of the 5 AETCOM Modules, 4 Modules will be taken by each Department and One Module will be taken by all the Departments together. *ECE/SDL will be taken by Departments in their own respective hours.							

Dr. Dipti Shah (Dean)

NARENDA MODI MEDICAL COLLEGE

LG HOSPITAL COMPOUND

MANINAGAR, AHMEDABAD

**BRIEF TRANSLITERATION OF MAHARSHI
CHARAK SHAPATH**

- I, the undersigned solemnly take this oath that-
- ❖ During the period of study I shall live a disciplined life with my teachers and peers. My action shall be guarded, service oriented and free from indiscipline and envy. In my dealings I shall be patient, obedient, humble, constantly contemplative and calm. I shall aim my full efforts and ability towards the desired goal of my profession.
 - ❖ As a Physician, I shall always use my knowledge for welfare of mankind.
 - ❖ I shall always be ready to serve patients, even if I am extremely busy and tired. I shall not harm any patient for the sake of monetary or selfish gains, nor shall entertain a desire for lust, greed or wealth. Immorality shall not emerge even in my thoughts.
 - ❖ My dressing shall be decent yet impressive and inspiring confidence. My conduct shall always be appropriate, pleasant, truthful, beneficial and polite. I shall use my experience in actions appropriate for that time and place.
 - ❖ I shall constantly endeavor to accomplish/ keep updated with the latest developments in the field and widen my knowledge.
 - ❖ I shall treat patient of gender other than mine in presence of relatives or attendants.
 - ❖ When examining a patient, my discretion, attention and senses shall be concentrated on the cure of the disease. I shall not divulge the confidentiality related to the patient or family inappropriately.
 - ❖ Although an authority (in my subject), I shall not display my knowledge and skill with arrogance.

May the almighty give me strength and wisdom to observe the oath I have taken today.

Name : _____

Roll No : _____

Date : _____

Signature

Tentative Schedule of Examinations in I MBBS Subjects (Anatomy, Physiology & Biochemistry) 2022 –2023 Batch

Sr.No.	Examinations	Tentative Date
1.	1 st Internal Exam	20 March - 31 March -2023
2.	2 nd Internal Exam	19 June to - June -2023
3.	Preliminary Exam	25 Sept - 15 October-2023

Apart from these exams MCQ test & Viva voce tests will be conducted regularly in all the subjects.

NOTE :

STUDENTS HAVING LESS THAN 75% ATTENDANCE IN BOTH THEORY AND PRACTICALS WILL NOT BE ALLOWED TO APPEAR FOR THE ABOVE EXAMINATIONS.

RULES & REGULATIONS

1. As per the rules of Gujarat University, minimum 75% of attendance separately in theory and practical's is mandatory for the students in each term. The sick leave and any other type of absence will be considered in other 25% of remaining leave. Students with the attendance less than 75% in any term will not be eligible for appearing in the internal examination or term ending examination held at the end of that term. In such cases internal marks for the examination will be counted as zero for that term and same will be reflected in the internal marks at the end in the internal marks for university examination. No retest will be conducted for such students.
2. The students with overall attendance > 75%, separately in theory and practical's in each subject will be eligible for Gujarat University examination.
3. Minimum 50% internal marks separately in Theory and Practical's are required for being eligible for appearing in university examination. However the passing marks in university examination are 50% separately in theory and practical's.
4. Vacation of 15 days each, twice in a year (Summer Vacation and Diwali Vacation) is given to the students. No other type of vacation is permitted to the students during the year. If your son/daughter is not coming to the college except for these two vacation in the pretext of reading / study leave is not permitted and you should send them to the college otherwise they will be losing attendance and will have to face the consequences of the same as mentioned above.
5. From 3rd semester onwards students will have clinical postings. No vacation of any type is permitted during the clinical postings.
6. Tuition fees / Hostel fees for the respective term has to be deposited in admin. Office within 15 days of the start of the term (1-15 August and 1-15 February). Please pay your fee by Pay order/Demand Draft of AMC Medical Education Trust. After that Late fee will be charged as per the college rules.
7. Any change in the address/ mobile number of the student/parents/guardian need to be informed by application immediately to the college authorities
8. Use of mobile phone in the classes/clinics/practical's and exams is strictly prohibited, failing which the mobile phone will be captured and deposited with college office and necessary action will be taken.
9. Apron and Identity card are compulsory in the college/hospital premise without which students will not be allowed in the college/hospital.
10. After First MBBS Gujarat University examination, classes will start on the very next working day of the declaration of results. After Second MBBS and Final MBBS part I, the classes will commence from the next working day after the completion of university examination.
11. Parents should feel free to contact college authorities/ faculty members regarding their children in case of any confusion. Your co-operation is required for imparting quality education to your children.

૧- ગુજરાત યુનિવર્સિટીના નિયમ પ્રમાણે દરેક વિદ્યાર્થીની ઓછામાં ઓછી ૭૫% હાજરી થીયરી અને પ્રેક્ટીકલમાં અલગ અલગ દરેક સત્રમાં હોવી જોઈએ માંદગીની રજા કે અન્ય કોઈપણ પ્રકારની રજા ૨૫% ગેરહાજરી ખાતે જ ગણવામાં આવશે. જે વિદ્યાર્થીની હાજરી ૭૫% થી ઓછી હશે તેને આંતરીક પરીક્ષા અથવા સત્રના અંતે લેવાતી પરીક્ષામાં બેસવા દેવામાં આવશે નહીં. આવા કિસ્સાઓમાં આંતરીક ગુણને તે સત્રના ૦ ગુણ તારીકે ગણવામાં આવશે. આની અસર યુનિવર્સિટી પરીક્ષામાં ગણવામાં આવતા આંતરીક ગુણ પર પડશે. આવા વિદ્યાર્થીઓ માટે ફરીથી પરીક્ષા લેવામાં આવશે નહીં.

૨- જે વિદ્યાર્થીની થીયરી અને પ્રેક્ટીકલમાં અલગ-અલગ ૭૫% થી વધારે હાજરી હશે ફક્ત તે જ વિદ્યાર્થીગુજરાત યુનિવર્સિટીની પરીક્ષામાં બેસી શકવાને લાયક ગણાશે.

૩ - ગુજરાત યુનિવર્સિટી પરીક્ષા આપવા માટે ઓછામાં ઓછા ૫૦% આંતરીક ગુણ, થીયરી અને પ્રેક્ટીકલમાં અલગ-અલગ લાવવા જરૂરી છે. ગુજરાત યુનિવર્સિટીની પરીક્ષામાં થીયરી અને પ્રેક્ટીકલમાં અલગ-અલગ પાસીંગ માર્ક્સનું ધોરણ ૫૦% છે.

૪-૧૫ દિવસનું ઉનાળુ વેકેશન અને દિવાળી વેકેશન એમ બે અલગ-અલગ વેકેશન વિદ્યાર્થીઓને આપવામાં આવશે. વર્ષ દરમ્યાન બીજુ કોઈપણ પ્રકારનું વેકેશન વિદ્યાર્થીઓને આપવામાં આવતું નથી. જો આ બે વેકેશન સિવાય તમારો પુત્ર/પુત્રી વાંચવાની કે અભ્યાસ કરવાની રજાઓનાં બહાને કોલેજમાં ગેરહાજર રહેતો, આપશ્રી એ તેમને કોલેજ મોકલી આપવાના રહેશે. નહીતર તેમની હાજરી ખુટશે અને આગળ દર્શાવ્યા મુજબનાં પરિણામ ભોગવવા પડશે.

૫-ત્રીજા સેમેસ્ટરથી વિદ્યાર્થીઓને કલીનીકલ પોસ્ટીંગ આપવામાં આવે છે. કલીનીકલ પોસ્ટીંગ દરમ્યાન કોઈપણ પ્રકારનું વેકેશન આપવામાં આવતું નથી.

૬-જે તે સત્રની ટ્યુશન ફી/હોસ્ટેલ ફી સત્ર ચાલુ થયાનાં ૧૫ દિવસની અંદર વહીવટી ઓફીસમાં “**AMC Medical Education Trust**” ના નામનો ડીમાન્ડ ડ્રાફ્ટ/પે ઓર્ડર થી જમા કરી દેવાની રહેશે. (૧-૧૫ ઓગસ્ટ અને ૧-૧૫ ફેબ્રુઆરી) કોલેજનાં નિયમ પ્રમાણે તે પછી ફી ભરનારને દંડ ભરવો પડશે.

૭-વિદ્યાર્થી/વાલીનાં સરનામાં/મોબાઈલ નંબરમાં કોઈપણ જાતનો ફેરફાર થાય તો વિના વિલંબે અવશ્ય કોલેજ સતાવાળાને અરજી કરી જાણ કરવી

૮- ચાલુ કલાસ/કિલનીક/પ્રેક્ટીકલ તથા પરીક્ષા દરમ્યાન ફોન નો ઉપયોગ કરવાની સખત મનાઈ છે. જો મોબાઈલ ફોન મળી આવશે તો મોબાઈલ ફોન જપ્ત કરીને ઓફીસ માં જમાં કરી દેવાશે. ત્યારબાદ કડક કાર્યવાહી તથા જરૂરી પગલા લેવામાં આવશે.

૯- એપ્રન અને ઓળખપત્ર કોલેજ અને હોસ્પિટલ કેમ્પસમાં જરૂરી છે જેના વગર વિદ્યાર્થીને કોલેજ કેમ્પસમાં પ્રવેશ આપવા માં આવશે નહિ.

૧૦- ગુજરાત યુનિવર્સિટી દ્વારા લેવામાં આવતી પ્રથમ વર્ષ એમ.બી.બી.એસની પરીક્ષા પછી પરીણામ જાહેર થયાના બીજા જ દિવસ થી કલાસીસ ચાલુ થઈ જશે. જ્યારે ગુજરાત યુનિવર્સિટી દ્વારા લેવામાં આવતી દ્વિતીય એમ.બી.બી.એસ અને ફાઈનલ એમ.બી.બી.એસ પાર્ટ-૧ ની થયાના બીજા જ દિવસ થી કલાસીસ ચાલુ થઈ જશે.

૧૧- માતા-પિતા/વાલીને કોઈપણ મુંજવણ હોય તો કોલેજ સતાધીશ/શાખાનાં અધિકારી કે ફેકલ્ટી મેમ્બરને પુત્ર/પુત્રી માટે સંપર્ક કરી શકે છે. તમારો સહકાર તમારા સંતાનના સુશિક્ષણ માટે જરૂરી છે.

વિદ્યાર્થીનું નામ :-
સેમિસ્ટર :-

વિદ્યાર્થીની સહી
રોલ નંબર:-

માતા-પિતાની સહી

