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FMGE 2024 syllabus is carefully curated by the MCI to test candidates' in-depth understanding and knowledge of medical topics taught during the MBBS course. Aspirants must familiarise themselves with the FMGE 2024 syllabus as it provides an overview of the topics and concepts to be covered for effective preparation. The syllabus for the June session of FMGE 2024 includes important subjects from the medical stream. Candidates appearing for FMGE 2024 are strongly advised to review the syllabus before the exams and streamline their preparation strategy accordingly. The complete FMGE exam syllabus is provided below. Candidates can refer to the following table for a brief overview of the FMGE exam 2024 syllabus: FMGE Syllabus 2024 Highlights Syllabus issuing authority MCI (Medical Council of India) Total Subjects 21 Subject Category Preclinical Paraclinical Clinical Toat Parts 2, Part A and Part B Total number of questions framed from the FMGE syllabus 300 The FMGE 2024 syllabus encompasses a wide range of topics that are grouped into 21 major subjects. These include the following: Physiology Anatomy Biochemistry Microbiology Pathology Forensic Medicine Pharmacology Anaesthesia General Surgery Obstetrics & Gynecology Ophthalmology Psychiatry Respiratory Diseases Medicine Paediatrics Radiotherapy Dermatology Otorhinolaryngology Radiodiagnosis Orthopaedics Community medicine Candidates can get a detailed view of all the topics covered in each subject from the following section. Physiology is an important subject for the FMGE exam 2024 that deals with the study of the normal functioning of living organisms and their bodily systems. Topics covered in this discipline mainly focus on understanding the mechanisms and processes that enable humans to carry out different physiological functions. The most crucial topics of Physiology are: Special senses Respiratory system Central nervous systems Cardiovascular system Endocrine glands Reproduction Kidney Skin and body temperature Nerve and muscle Gastrointestinal tract General physiology Body fluids - blood FMGE 2024 Anatomy syllabus includes topics to study the structure and organisation of various parts of human beings. It focuses on understanding the physical arrangement of the various organs, tissues, and systems within the body. Important topics of Anatomy are: General anatomy Sectional anatomy (Thorax, Head, Abdomen, Brain, and Neck) Surface anatomy Regional anatomy (Upper and lower limb, diaphragm Abdomen, Pelvis, Neck, Head, Brain and Spinal Cord) Elements of anatomy (Osteology, Myology, Neurology, Arthrology, Angiology) Human genetics Histology (Microanatomy of different organs & systems) Radiological anatomy (Special X-rays, Skiagrams, Rules of imaging techniques) Embryology (Development of organs and systems, postnatal developments) FMGE 2024 Biochemistry topics explain the chemical processes of the human body. While preparing for the FMGE exam 2024, candidates must focus on the following topics of Biochemistry subject: Nutrition Energy metabolism Tissue biochemistry Liver functions Protein biosynthesis and biochemical genetics Amino acid and protein metabolism Pyrimidine and purine metabolism Lipid metabolism Intermediary metabolism Carbohydrate metabolism Biological oxidation Digestion and absorption from GI tract Enzymes Carbohydrates Vitamins Minerals Nuclear acids Lipids Proteins, peptides, and amino acids Isotopes and their applications Cell and subcellular structures Hydrogen ion concentration (Acid, Bases, Buffers) The microbiology subject of FMGE 2024 includes the study of microorganisms, such as algae, viruses, bacteria, etc and their role in causing illnesses. Topics covered in the FMGE Microbiology syllabus are: General Microbiology Clinical Microbiology Mycology Parasitology General virology Systemic virology Bacteriology Immunology FMGE exam 2024 syllabus for Pathology covers a wide range of topics that involve the examination and analysis of the structural and functional changes caused by disease processes. Crucial Pathology topics for the FMGE exam are: Ocular pathology Neuropathology Dermato-pathology Musculoskeletal system Endocrine pathology Reproductive system Diseases of the breast Cardiovascular pathology Hepat-biliary pathology Lymphoreticular system Haematology Pathology of kidney and urinary tract Respiratory pathology Nutritional disorders Genetic disorder Circulatory disturbances Neoplasia and growth disturbances Immunopathology Infectious diseases Inflammation and repair Cell injury Topics included in Forensic medicine deal with the application of medical knowledge and techniques to legal cases and investigations. To gain a thorough understanding of this subject, candidates must focus on the following topics: Death Dowry death Asphyxial death Changes after death Medical certifications and medico-legal reports Medico-legal autopsies Medical jurisprudence Inquest by police Examination of mutilated human remains Examination of an Injury Case Death due to malnutrition, neglect, battered babies Virginity, sexual offences, sexual perversions Infanticide Mechanical injuries and wounds Pregnancy and delivery Biological fluids Legitimacy Seminal stains Forensic psychiatry Toxicology Pharmacology topics focus on the study of drugs and their use to treat illnesses. Additionally, it explores the effects of drugs on the body, including their mechanisms of action, therapeutic uses, side effects, etc. Crucial topics of Pharmacology for the FMGE exam are: Use of Clinical Pharmacology and Rational drug Chemotherapy Toxicology Psychopharmacology Drugs in anaesthetic practice Endocrine pharmacology Central Nervous System Respiratory system Gastrointestinal system Drugs affecting blood Autocoids and related drugs Cardiovascular system Diuretics General pharmacology Anaesthesia topics involve administering drugs or agents to induce a temporary loss of sensation or consciousness during medical procedures or surgeries. FMGE syllabus for Anaesthesia includes the following topics: Role of anaesthesiologist in chronic and acute relief Poisoning Local anaesthesia Sites of respiratory obstruction in unconscious patients Management of the airway in unconscious patients ICU Shock Monitoring Blood transfusion and fluid electoral balance Muscle relaxants Cardiopulmonary resuscitation basic Use of simple ventilators IPPV, endotracheal intubations Spinal epidural anaesthesia Physiology of respiration Stages of anaesthesia Anaesthetic agents Anatomy of upper airway General surgery topics include the diagnosis and surgical treatment of a wide range of medical conditions. Topics considered for FMGE exam questions are: Haemorrhage and shock Skin tumours Wounds Burns and skin grafting Ulcers, cysts, sinuses and fistulae Venous diseases Umbilical granuloma, fistula, adenoma Diseases of muscle, tendons, bursae and fascia Breasts Face, gums, teeth, mouth, salivary glands, tongue, neck Genito-urinary system Cranio-cerebral injuries Urethra Urinary bladder Oesophagus, stomach and duodenum Vasectomy and recanalisation Intestines, intestinal obstruction Pancreas Appendix Rectum and anal canal Spleen, gallbladder, liver, and bile ducts Peritoneum Penis, testis and scrotum Cardiothoracic system Kidneys and ureters Prostrate Sympathetic system Brain, nerves Thyroglossal tract and endocrines Thyroid glands Obstetrics and Gynecology covers various topics concerning the health and medical care of women, particularly during pregnancy, childbirth, and the postpartum phase. It also encompasses the diagnosis and treatment of various reproductive system disorders in women. The crucial Obstetrics topics for FMGE 2024 exam preparation are: Operative gynaecology Endoscopy Diseases of breast Radiotherapy in gynaecology Chemotherapy in gynaecology Tumours Carcinoma Genital infections Genital prolapse Endometriosis Genital injuries and fistulae Menstrual disorder Fertility and infertility Current topics Vaginal discharge Medico-legal aspects RCH Safe motherhood Operative obstetrics Normal labour Maternal morbidity and mortality Post caesarean pregnancy Pharmacotherapeutics in obstetrics Normal puerperium Family planning Care of newborn Breastfeeding Medical termination of pregnancy Antenatal care Abnormal obstetrics Physiology of conception Ophthalmology syllabus topics majorly focus on the diagnosis and treatment of diseases related to the eyes and the visual system. To master this FMGE subject, candidates must cover the following chapters: Community ophthalmology Injuries Lids Ophthalmic surgery Refractive errors Retina Orbit Squint Optic nerve Glaucoma Lacrimal system Lens Uveal tract Cornea Sclera Basic sciences Conjunctive FMGE Psychiatry syllabus covers the diagnosis, prevention, and treatment of mental and emotional disorders. Topics of Psychiatry include the following Personality disorder Drug abuse Clinical features Hysteria and anxiety disorders Alcoholism Mania and depression Dementia Different psychoses clinical features Schizophrenia Mental status examination Behavioural sciences History of mental illness This subject includes an in-depth understanding, diagnosis, and management of general chest-related infections. The subject focuses on the treatment and prevention of Tuberculosis with emphasis on the National TB Control Programme. Medicine subject topics include the diagnosis, treatment, and prevention of diseases and medical conditions in human beings. It encompasses a wide range of chapters, such as: Geriatrics Nephrology and urinary system Endocrine system Emergency medicine Neurological system Cardiovascular system Gastrointestinal tract Haematology Respiratory system Exposure to chemical and physical agents Infections Clinical methods used in the practice of medicine Common symptoms and diseases Paediatrics is an MBBS branch of medicine that specialises in the medical care and treatment of children, infants, and adolescents. Important chapters of Paediatrics for the FMGE 2024 exam are: Respiratory system Nephrology Endocrinology Central nervous system Gastroenterology Genetics Paediatric emergencies Nutrition Infections Neonatology Growth and development Vital statistics The Radiotherapy syllabus for the FMGE exam includes topics to treat certain types of cancer and a few non-cancerous conditions. Important Radiotherapy topics are: Radio-isotopes in diagnosis and treatment Common radiation reactions Radiotherapy and chemotherapy for cancers Early diagnosis and treatment of cancer Principles of nuclear medicine Principles of radiotherapy Principles of chemotherapy Dermatology is a subject related to skin diseases and their treatments. Topics covered in the FMGE syllabus for Dermatology are: Lichen planus Diseases caused by nutritional and atmospheric factors Dermatological therapy Allergic disorders Infective disorders Melanocytes and other disorders Pigment metabolism Structure and functions of sebaceous glands Dermatitis and eczema Vesiculobullous diseases Alopecia and hirsutism STD Leprosy Psoriasis Radiodiagnosis involves the use of various imaging techniques to detect and treat different medical conditions. In this subject, candidates have to study the imaging techniques used for the following body systems: Excretory system Skeletal system Central nervous system Gastrointestinal system Obstetrics and gynaecology Respiratory system Cardiovascular system FMGE exam syllabus for Orthopaedics covers the chapters that focus on the diagnosis, treatment, and prevention of injuries and disorders of the musculoskeletal system. These include the following: Physical medicine and rehabilitation Cold orthopaedics Neuro-muscular disorder Bone and joint tuberculosis Regional conditions Vascular Injuries Injuries to the spine Traumatology Injuries to bones and joints Community Medicine covers various aspects of the health and well-being of communities. It addresses the preventive aspects of healthcare and aims to promote and protect the health of entire communities. FMGE syllabus of Community Medicine includes the following topics: International health Health system in India Health planning and management School health Urban health Demography Reproductive and child health Epidemiology of specific diseases Communicable and non-communicable diseases Fundamentals of biostatistics Basic epidemiology Occupational health Medical sociology Health education Nutrition and dietetics Evaluation of public health Environment and health Candidates must understand the subject-wise marks distribution to find out important topics of the FMGE syllabus. By focusing on the high-yield topics candidates will be able to prepare smartly for the FMGE June session exam. The following table shows the subject-wise marks distribution for the FMGE exam: FMGE Syllabus 2024 - Subject-wise Marks Distribution Subject Marks Allotment Physiology 17 Anatomy 17 Biochemistry 17 Microbiology 13 Pharmacology 13 Pathology 13 Forensic Medicine 10 Medicine 33 Dermatology 5 Surgery 32 Anaesthesia 5 Orthopaedics 5 Radiodiagnosis 5 Gynaecology and Obstetrics 30 ENT 15 Ophthalmology 15 Paediatrics 15 Psychiatry 5 Radiotherapy 5 Community Medicine 30 Want to cover the FMGE syllabus? Download the PW Med Ed app now! he Foreign Medical Graduates Examination (FMGE) is a crucial screening test conducted by the National Board of Examinations (NBE). It is mandatory for medical graduates from foreign institutions to clear this exam to practice medicine in India. The exam is divided into two parts—Paper 1 and Paper 2—with a total of 300 multiple-choice questions (MCQs). This article provides a detailed breakdown of the FMGE syllabus for both papers, helping candidates prepare effectively.The FMGE syllabus follows the Graduate Medical Education Regulations issued by the National Medical Commission (NMC). It covers topics from both pre-clinical and clinical subjects, divided between Paper 1 and Paper 2. The exam tests the knowledge that aligns with an MBBS graduate's education in India.Paper 1 includes the following Pre-Clinical and Para-Clinical Subjects:S. NoSubjectMarks1Anatomy172Physiology173Biochemistry174Pathology135Microbiology136Pharmacology137Forensic Medicine10TotalPre & Para-Clinical100FMGE 2024 Syllabus: Paper 1 Subject-Wise Marks DistributionThese subjects make up 100 marks, covering basic medical sciences, including anatomy, physiology, and pharmacology. Candidates must focus on these foundational subjects to score well in Paper 1.Paper 2 focuses on Clinical Subjects:S. NoSubjectMarks1Medicine & Allied Subjects332Psychiatry53Dermatology & STD54Radiotherapy55General Surgery & Allied Subjects326Anesthesiology57Orthopedics58Radiodiagnosis59Pediatrics1510Ophthalmology1511Otorhinolaryngology (ENT)1512Obstetrics & Gynecology3013Community Medicine30TotalClinical Subjects200FMGE 2024 Syllabus: Paper 2 Subject-Wise Marks DistributionThe clinical subjects make up 200 marks and include key areas like medicine, surgery, pediatrics, and obstetrics & gynecology. Thorough knowledge of these topics is essential for Paper 2 success.While every subject is crucial, some topics hold more weight based on past exams. Here are the high-yield topics candidates should prioritize:Anatomy: Upper limb, lower limb, thorax, abdomen, pelvis, brain, spinal cord, and embryology.Physiology: Cardiovascular system, respiratory system, endocrine glands, and nervous system.Pathology: Inflammation, neoplasia, and hematology.Pharmacology: Drugs affecting the autonomic nervous system and cardiovascular system.Medicine: Cardiovascular diseases, respiratory diseases, and infectious diseases.Surgery: Trauma, general surgery, and wound management.Here's how candidates can optimize their study plan using the FMGE syllabus:Study According to Marks Weightage: Focus on subjects with higher marks, such as medicine, surgery, and obstetrics & gynecology, as these can help you score more.Create a Revision Schedule: Break down the syllabus into manageable parts and revise regularly. Use the last 5 years' question papers to understand the pattern and common topics.Prioritize High-Yield Topics: Use the syllabus to focus on high-yield topics that are frequently asked in the exam. Regularly test yourself on these topics.To make your preparation effective, here are some additional resources:FMGE Previous Year Question Papers: Download question papers from the past 5 years to practice regularly. [Download Link]FMGE Preparation Books:Self-Assessment and Review of FMGE by Dr. Mudit KhannaFMGE Solutions by Deepak MarwahFMGE Mock Tests: Access free FMGE mock tests on the official NBE website to simulate exam conditions.The key subjects in the FMGE syllabus are divided into pre-clinical, para-clinical, and clinical subjects. Some of the major subjects include anatomy, physiology, pathology, pharmacology, medicine, and surgery.The FMGE exam consists of two papers—Paper 1 (Pre-Clinical and Para-Clinical) and Paper 2 (Clinical). Each paper contains 150 multiple-choice questions (MCQs), making up a total of 300 marks.The FMGE 2024 syllabus follows the same format as previous years, based on the Graduate Medical Education Regulations by the NMC.Click here to download the syllabus. (Google drive link)The FMGE syllabus covers a wide range of subjects that are essential for medical practice. By focusing on the key topics and organizing your study plan effectively, you can master the FMGE 2024 syllabus and increase your chances of success. Remember to balance your preparation across both Paper 1 and Paper 2 for a comprehensive understanding of the subjects.Post-ScriptP.S.: For the latest updates on the FMGE exam, visit the official NBE website regularly. Don't forget to practice with mock tests and question papers to refine your preparation. The Ultimate Study Material You Need To Crack FMGE Content Designed for High Performance with Industry-leading Strike RateA Content Creator with over five years of experience, Srishti is an expert at creating content related to several genres. She aims to make a difference through what she writes. FMGE syllabus 2025 is determined by the Medical Council of India (MCI) and the same is published by the National Board of Examination (NBE). Anatomy, Physiology, Biochemistry, Pathology, Microbiology, Pharmacology, Forensic Medicine, General Surgery, Anaesthesia, Orthopaedics, Radio-Diagnosis, Radiotherapy, Paediatrics, Medicine, Tuberculosis and Respiratory Diseases, Psychiatry, Dermatology and Sexually Transmitted Diseases, Ophthalmology, Otorhinolaryngology, Obstetrics and Gynecology, and Community Medicine are the subjects that make up the FMGE 2025 syllabus. The syllabus is made available by NBEMS in the National Board of Examinations' official FMGE information booklet (NBE). It is recommended that candidates for FMGE 2025 review the syllabus at least once while they are preparing. All of the subjects taught in the undergraduate medical degree program were included in the FMGE syllabus 2025. On Jul 26, 2025, the FMGE 2025 exam for the June session will be administered online at the approved test centers around India. FMGE 2025 syllabus mainly comprises all the topics of the medical courses at the UG level. FMGE Previous Year Question Papers FMGE Exam Pattern 2025 The official notice from NBEMS (National Board of Examinations in Medical Sciences) revealed the syllabus for FMGE 2025. FMGE syllabus is divided among subjects of parts 1 and 2. There are a total of 22 FMGE subjects. The FMGE subjects are provided below for the candidates in a paper-wise manner. FMGE Syllabus for Part 1: Subject Name Candidates can learn all about the FMGE syllabus for the subject-wise sections provided below. However, candidates must know that the FMGE Paper 1 subjects (or Part 1 subjects) have a separate syllabus for Part B subjects. The subject names of the FMGE exam syllabus for Part A are tabulated below for the candidates. Pre & Para Clinical Subjects Subjects Distribution of Marks Anatomy 17 Physiology 17 Biochemistry 17 Pathology 13 Microbiology 13 Pharmacology 13 Forensic Medicine 10 Total 100 FMGE Syllabus for Part 2: Subject Name Candidates can learn all about the Part 2 FMGE syllabus for the subject-wise sections provided below. Candidates can also learn about the FMGE syllabus marks distribution for Part B. The subject names of the FMGE exam syllabus for Part B are tabulated below for the candidates. Clinical Subjects S.No Subjects Distribution Of Marks 1 Medicine & Allied Subjects I) Medicine 33 II) Phychiatry 5 III) Dermatology & STD 5 IV) Radiotherapy 5 2 General Surgery & Allied Subjects I) General Surgery 32 II) Anesthesiology 5 III) Orthopedics 5 IV) Radiodiagnosis 5 3 Pediatrics 15 4 Ophthalmology 15 5 Otorhinolaryngology 15 6 Obstetrics & Gynaecology 30 7 Community Medicine 30 Total 200 The detailed topic-wise FMGE Syllabus 2025 is given below for the reference of the candidates. Topic-wise preparation helps them to understand the distribution of topics clearly, and candidates can learn the concepts better. FMGE 2025 Syllabus for Physiology The topics in this chapter are: Gastrointestinal Tract Kidney Endocrine Glands Reproduction General Physiology Blood - Body fluids Body and Skin temperature Central Nervous Systems Special Senses Cardiovascular System Respiratory System Muscle and Nerve FMGE 2025 Syllabus for Anatomy The topics in this chapter are: Regional Anatomy: Upper limb, Lower limb Thorax-including Diaphragm Pelvis and Abdomen; Neck, Brain, Head and Spinal Cord Histology: General Histology Microanatomy of individual Organs & Systems Radiological Anatomy: Skiagrams, Principles of Imaging Techniques and Special X-rays Sectional Anatomy: Head, Neck and Brain, Thorax, Abdomen Human Genetics: Principles of Molecular Biology and Human Genetics General Anatomy: Terminology, Nomenclature and Basic Tissues to Body Surface Anatomy: In Cadavers, In the Living Embryology: Development of Individual Organs and Systems, Postnatal Development & Growth Elements of Anatomy: Myology, Angiology, Neurology, Osteology, Arthrology FMGE 2025 Syllabus for Pathology Candidates should make sure to go through the syllabus completely, in order to get a clear understanding of the distribution of topics throughout the different chapters and accordingly prepare for the exam. The topics in this chapter are: Growth Disturbances and Neoplasia Nutritional and Other Disorders Musculoskeletal System Endocrine Pathology Haematology Cardiovascular Pathology Respiratory Pathology Inflammation and Repair Immunopathology Hepato-Biliary Pathology Lymphoreticular System / Spleen Pathology of Kidney and Urinary Tract Neuropathology Dermato-Pathology Ocular Pathology Reproductive System (Male & Female) Diseases of the Breast Infectious Diseases Circulatory Disturbances Genetic Disorder Cell injury FMGE 2025 Syllabus for Microbiology The topics in this chapter are: Bacteriology Systemic Virology Immunology Applied / Clinical Microbiology Mycology Parasitology General Virology General Microbiology FMGE 2025 Syllabus for Pharmacology The topics in this chapter are: Gastro-Intestinal System Autocoids and Related Drugs Drugs in Anaesthetic Practice Chemotherapy Toxicology Clinical Pharmacology and Rational Drug Use Endocrine Pharmacology Central Nervous System Psychopharmacology Cardio-Vascular System Diuretics Drugs Affecting Blood and Blood Formation General Pharmacology Autonomic Nervous System Respiratory System FMGE 2025 Syllabus for Forensic Medicine The topics in this chapter are: Examination of an Injury Case Injuries because of Physical Agents & Their Medico-Legal Importance Biological Fluids Seminal Stains Asphyxial death Death due to Malnutrition, Neglect Battered Babies Dowry Death Virginity, Sexual Offences, Sexual Perversions Pregnancy and Delivery Infanticide Medical Jurisprudence Toxicology Medical Certifications & Medico-Legal Reports Including Dying Declaration Death Examination of Mutilated Human Remains Medico-Legal Autopsies Mechanical Injuries and Wounds Forensic Psychiatry Legitimacy Changes After Death Inquest by Police, Magistrate and Coroner Definitions Courts of India Court Procedures Identification FMGE 2025 Syllabus for Biochemistry The topics in this chapter are: Protein and Amino Acid Metabolism Purine and Pyrimidine Metabolism Biochemical Genetics and Protein Biosynthesis Tissue Biochemistry Liver Functions Nutrition and Energy Metabolism Nuclear Acids Enzymes Intermediary Metabolism Carbohydrate Metabolism Lipid Metabolism Minerals Hydrogen Ion Concentration Acid, Bases, Buffers, Handerson-Haselbach Equation Isotopes and their Application Biological Oxidation Digestion and Absorption from GI Tract Vitamins Amino Acids, Peptides and Proteins Lipids Cell and Sub-Cellular Structures Carbohydrates FMGE 2025 Syllabus for General Surgery The topics in this chapter are: Appendix Cardiothoracic System Oesophagus, Stomach and Duodenum Pancreas Peritoneum Intestines and Intestinal Obstruction Rectum and Anal Canal Penis, Testis, and Scrotum Vasectomy and Recanalisation Sympathetic System Cranio-Cerebral Injuries Specific and Non-Specific Injections Tumours, Cysts, Ulcers and Sinuses and Fistulae Haemorrhage and Shock Fluid, electrolyte and Acid Balance, Nutrition Spleen, Liver, Gall Bladder and Bile Duct Kidneys and Ureters Urinary Bladder Prostrate Urethra Diseases of Muscle, Tendons, Bursae and Fascia Hernia Skin Tumours, Burns, Skin Grafting Arterial Diseases Umbilical Granuloma, Fistula, Adenoma Abdominal Wall Face, Teeth, Gums, Mouth, Tongue, Salivary Glands, Neck Thyroid Glands, Thyroglossal Tract and Endocrines Infections of Hand and Foot Venous Diseases Lymphatic and Lymph Nodes Wounds Breast Brain, Nerves Genito-Urinary System FMGE 2025 Syllabus for Anaesthesia The topics in this chapter are: ICU, the Role of Anaesthesiologist in ICU Shock Sites of Respiratory Obstruction and Management of the Airway in an Unconscious Patient Poisoning Blood Transfusion and Fluid Electoral Balance Principles and Mechanism of Administration of General Anaesthetics, Balanced Anaesthesia IPPV Endotracheal Intubations Pre-operative Evaluation/ Pre-Medication Anaesthetic Agents, Stages of Anaesthesia Muscle Relaxants 8. Spinal/Epidural Anesthesia Local Anesthesia Role of Anaesthesiologist in Acute and Chronic Relief Cardiopulmonary Resuscitation Basic, use of Simple Ventilators Monitoring Anatomy of Upper Airway Physiology of Respiration O_2/CO_2 Transport. Methods of Oxygen Therapy. FMGE 2025 Syllabus for Radiodiagnosis The topics in this chapter are: Obstetrics and Gynaecology Skeletal System Cardiovascular System Central Nervous System Excretory System Gastrointestinal System Respiratory System FMGE 2025 Syllabus for Community Medicine The topics in this chapter are: Basic Epidemiology Epidemiology of Specific Diseases Demography Reproductive and Child Health Evaluation of Public Health and Concepts of Health Environment and Health Urban Health Health System in India Health Planning and Management including Disaster Management International Health Occupational Health Medical Sociology and Community Mental Health Fundamentals of Biostatistics Communicable and Non-Communicable Diseases Health Education Nutrition and Dietetics School Health FMGE 2025 Syllabus for Orthopaedics The topics in this chapter are: Injuries of Bones and Joints Injuries of Lower Extremity Regional Conditions Neuro-Muscular Disorder Bone and Joint Tuberculosis Injuries of the Spine Vascular Injuries Cold Orthopedics Traumatology Physical Medicine and Rehabilitation FMGE 2025 Syllabus for Radiotherapy The topics in this chapter are: Common Radiation Reactions and Management Radio-Isotopes in Diagnosis and Therapy Principles of Radiotherapy Prevention and Early Diagnosis of Cancer Principles of Chemotherapy Principles of Nuclear Medicine Radiotherapy and Chemotherapy in Commonly Seen Cancers FMGE 2025 Syllabus for Medicine The topics in this chapter are: Gastro-Intestinal Tract Emergency Medicine Nephrology & Urinary System Connected to Tissue Disorders Endocrine System Infections Haematology Neurological System Geriatrics Respiratory System Cardio-Vascular System Common Symptoms of a Disease Nutrition/Exposure to Physical & Chemical Agents Clinical Methods in the Practice of Medicine FMGE 2025 Syllabus for Tuberculosis and Respiratory Diseases Diagnosis and management of common ailments affecting the chest with special emphasis on management and prevention of Tuberculosis and National Tuberculosis Control Programme. FMGE 2025 Syllabus for Paediatrics The topics in this chapter are: Pediatric Emergencies Central Nervous System Gastroenterology Nephrology Nutrition Infections Endocrinology Respiratory System Vital Statistics Neonatology Genetics Growth & Development FMGE 2025 Syllabus for Obstetrics and Gynecology The topics in this chapter are: Radiotherapy in Gynaecology Chemotherapy in Gynaecology Endoscopy Diseases of Breast Vaginal Discharge Menstrual Disorder Genital Infections Genital Prolapse Fertility, Infertility Endometriosis and the Allied States Tumours Carcinoma Operative Gynaecology Safe Motherhood Maternal Morbidity and Morality Medical Termination of Pregnancy Family Planning Operative Obstetrics Post Caesarian Pregnancy Maternal Changes in Pregnancy Antenatal Care Pharmaco Therapeutics in Obstetrics Abnormal Obstetrics Normal Labour Development of Foetus and Placenta Diagnosis of Pregnancy Medico-Legal Aspects RCH Normal Puerperium Breast Feeding Care of Newborn Genital Injuries and Fistulae Current Topics Anatomy of the Female Reproductive Tract Physiology of Conception FMGE 2025 Syllabus for Psychiatry The topics in this chapter are: Alcoholism Drug Abuse Psychiatric Emergencies Clinical Features, Diagnosis and Management of Psychiatric Disorders of Childhood and Adolescence Schizophrenia Mania and Depression Different Psychoses Clinical Features, Diagnosis and Management Personality Disorder Conduction of Mental Status Examination Behavioral Sciences History Aspects and Diagnosis & Treatment of Mental Illness Anxiety Disorders and Hysteria, Dementia FMGE 2025 Syllabus for Ophthalmology The topics in this chapter are: Refractive Errors Injuries Community Ophthalmology Miscellaneous Lens Vitreous Intra-Ocular Tumors Squint Orbit Retina Optic Nerve Ophthalmic Surgery Cornea Sclera Basic sciences–Pharmacology, Pathology, Anatomy, Physiology, Elementary Optics, Diseases of the Eye Conjunctiva Glaucoma Lacrimal System Lids Uveal Tract FMGE 2025 Syllabus for Otorhinolaryngology The topics in this chapter are: Diseases of Nasopharynx Diseases of the Ear Diseases of Nose And Para Nasal sinuses Diseases of Trachea Oesophagus FMGE 2025 Syllabus for Dermatology and Sexually Transmitted Diseases The topics in this chapter are: Dermatitis and Eczema Vesiculobullous Diseases Structure and Functions of Sebaceous Glands and Diseases Leprosy Melanocytes, Pigment Metabolism and Other Disorders of Pigmentation Allergic Disorders Diseases caused by Nutritional and Environmental Factors Infective Disorders Dermatological therapy Psoriasis STD Lichen Planus Alopecia and Hirsutism UPCOMING EXAMS Clearing the Foreign Medical Graduate Examination (FMGE) is essential for those who wish to practice medicine in India after completing their MBBS abroad. Success in the exam depends on a focused and well-structured preparation strategy. In order to score well in the exam, it is important to understand which subjects demand more attention and carry higher weightage. The FMGE syllabus includes a wide range of topics divided into pre-clinical, para-clinical and clinical areas. Among these, clinical subjects hold the maximum weightage. FMGE exam pattern The exam is computer-based and consists of 300 multiple-choice questions (MCQs). The exam is divided into two papers of 150 questions each. The total exam duration is 5 hours, with each paper being 2.5 hours long. The exam is conducted in English, and there is no negative marking. Clinical subjects account for a significant portion of the FMGE. Therefore, focusing on areas such as medicine, surgery, and obstetrics & gynaecology is important. Medicine: This subject, which includes topics like cardiovascular and neurological disorders, carries one of the highest weightages. General surgery: Concepts such as trauma management, surgical techniques, and post-operative care are essential. Obstetrics & gynaecology: Focus on pregnancy-related conditions, complications, and delivery methods, as these are frequently tested. Besides these, subjects such as community medicine, paediatrics, ophthalmology, and otorhinolaryngology also carry considerable marks and require thorough preparation. Although these subjects have less weightage compared to clinical ones, they provide the foundational knowledge required to excel in the exam. Anatomy, physiology, and biochemistry: These subjects form the basics of medical science and should not be overlooked. Pathology, microbiology, and pharmacology: Focus on disease mechanisms, microorganisms and drug therapies, as these subjects are essential for clinical application. Though forensic medicine has fewer marks, it is still important to cover medico-legal topics that might appear in the exam. Strategic preparation tips In order to prepare effectively, start by prioritising high-weightage subjects and allocate time for regular revision. Additionally, practice mock tests and previous year question papers to build confidence. Since conceptual clarity is essential, focus on understanding topics rather than rote memorisation. Moreover, joining a structured coaching program can provide expert guidance and keep your preparation on track. We hope this information was helpful. If you have any doubts about FMGE or need support with FMGE exam preparation Contact our StudyFMGE team today. Authored By: Sarath Subscribe to StudyMEDIC Newsletters & stay informed FMGE exam registrations are ongoing and will close on November 18, 2024. The exam will be held on January 12, 2025. Check details here!Your Ultimate Exam Preparation Guide Awaits!FMGE Syllabus 2025 June Session comprises the list of subjects and important topics to be covered for the FMGE Entrance Exam. The NBE and MCI authorities prepare the FMGE exam syllabus every year. The official exam conducting body released the FMGE 2025 Syllabus for the June Session in online mode, in a PDF format. The important topics included in the FMGE Syllabus 2025 June Session include Physiology, Anatomy, Biochemistry, Microbiology, Pathology, Forensic Medicine, Pharmacology, Anaesthesia, General Surgery, Obstetrics & Gynecology, Ophthalmology, Psychiatry, Respiratory Diseases, Medicine, Paediatrics, Radiotherapy, Dermatology, Otorhinolaryngology, etc. To secure a good score in the FMGE 2025 June Session Exam, it is important for all students to blindly follow the FMGE Syllabus 2025 June Session. The FMGE 2025 June Session Exam is expected to be conducted in July 2025. Any student is eligible to download the FMGE Syllabus 2025 June Session from the official website of NBEMS. Based on the FMGE Syllabus 2025 June Session, the FMGE 2025 Question Paper is prepared every year. The FMGE Syllabus 2025 June Session is prepared on a combination of the subjects in the Higher Secondary Science stream and the subjects in the graduation level of education. The same is divided into subjects categorized into pre-clinical, clinical, and para-clinical groups of study. Read further to know more about the FMGE Syllabus 2025, chapters included in the syllabus, topic wise weightage, marking scheme, and other latest updates.The FMGE exam is conducted for foreign medical graduates willing to practice in India. Given below is a quick overview of the FMGE Syllabus 2025 that students must study for the exam.ParticularsDetailsName of the examinationForeign Medical Graduate Examination (FMGE)EventFMGE SyllabusLevelLicensing examinationReleased byNational Board of ExaminationsIssued byMedical Council of IndiaModeOnlineNumber of Papers3 (Pre-clinical, Para-clinical, and Clinical)Number of Subtopics21FrequencyTwice a year (June and December)Exam duration300 (150 minutes for every section)Exam feeINR 7,080Total questions300Total marks300Language/medium of examEnglishMarking scheme+1 mark for right answerZero negative mark for wrong answerNumber of test cities50Contact detailsHelpline no--022 61087595Email ID--fmgehelpdesk@natboard.edu.inColleges Accepting Exam FMGE :The FMGE Syllabus 2025 covers topics that are covered at the undergraduate level. Several topics under the FMGE Syllabus 2025 are further divided into chapters. Here we have mentioned the topics included in the FMGE June Session Syllabus 2025 for the convenience of the students.FMGE 2025 Syllabus TopicsAnatomyPathologyForensic MedicineBiochemistryCommunity MedicineRadiodiagnosisMicrobiologyAnaesthesiaPhysiologyGeneral SurgeryDermatologyRadiotherapyObstetrics and GynecologyOphthalmologyMedicineOrthopaedicsRespiratory DiseasePsychiatryThe different topics and sub-topics included in the syllabus of FMGE are mentioned below. FMGE Anatomy Syllabus 2025Students can go through the FMGE Anatomy syllabus given below.Sectional Anatomy: Thorax, Abdomen, Head, Neck and BrainSurface Anatomy: In cadavers, in the livingRadiological Anatomy: Skiagrams, Special X-rays, Principles of imaging techniquesHuman Genetics: Principles of Human Genetics and Molecular BiologyHistology: General Histology Microanatomy of individual organs & systemsEmbryology: Development of individual organs and systems, postnatal growth & DevelopmentRegional Anatomy: Upper limb, Lower limb Thorax-including diaphragm Abdomen and Pelvis, Head, Neck Brain and Spinal CordElements of Anatomy: Osteology, Arthrology, Myology, Angiology, NeurologyGeneral Anatomy: Basic tissues to the body, Terminology and NomenclatureFMGE Syllabus 2025 Biochemistry Students can go through the FMGE Biochemistry 2025 syllabus given below.Nutrition and Energy MetabolismLiver FunctionsTissue BiochemistryBiochemical Genetics and Protein BiosynthesisMineralsPurine and Pyrimidine MetabolismProtein and Amino Acid MetabolismLipid MetabolismCarbohydrate MetabolismIntermediary MetabolismDigestion and Absorption from GI TractBiological OxidationVitaminsEnzymesNuclear AcidsLipidsAmino Acids, Peptides and ProteinsCarbohydratesIsotopes and their ApplicationsHydrogen Ion Concentration Acid, Bases, Buffers, Handerson-Haselbach EquationCell and Sub-cellular StructuresFMGE Syllabus 2025 Physiology Students can go through the Physiology syllabus given below.Special SensesCentral Nervous SystemsRespiratory SystemCardiovascular SystemReproductionEndocrine GlandsSkin and Body TemperatureKidneyGastrointestinal TractNerve and MuscleBody Fluids - BloodGeneral PhysiologyFMGE Pathology SyllabusStudents can find the FMGE Pathology Syllabus given below,Ocular PathologyDermato-pathologyNeuropathologyEndocrine PathologyMusculoskeletal SystemDiseases of the BreastReproductive SystemLymphoreticular System/ SpleenHepat-biliary PathologyPathology of Kidney and Urinary TractRespiratory PathologyCardiovascular PathologyHaematologyGenetic DisorderNutritional and Other DisordersGrowth Disturbances and NeoplasiaCirculatory DisturbancesInfectious DiseasesImmunopathologyCell InjuryInflammation and RepairFMGE Syllabus 2025 Pharmacology Students can go through the FMGE Pharmacology syllabus given below.Clinical Pharmacology and Rational Drug UseToxicologyChemotherapyDrugs in Anaesthetic PracticePsychopharmacologyCentral Nervous SystemEndocrine PharmacologyGastrointestinal SystemRespiratory SystemAutocoids and Related DrugsDrugs Affecting BloodDiureticsCardiovascular SystemGeneral PharmacologyFMGE Syllabus 2025 Microbiology Students can go through the FMGE Microbiology syllabus given below.Clinical MicrobiologyParasitologyMycologySystemic VirologyGeneral VirologyBacteriologyImmunology General MicrobiologyFMGE Forensic Medicine SyllabusStudents can find the FMGE Forensic Medicine Syllabus given below.DefinitionsCourts of IndiaCourt proceduresDeathChanges after deathInquest by policeMedical Certifications & medico-legal reportsIdentificationExamination of mutilated human remainsAsphyxial deathDeath due to malnutrition, neglect battered babiesDowry deathMedico-legal autopsiesMechanical injuries and woundsExamination of an Injury CaseVirginity, sexual offences, sexual perversionsLegitimacyPregnancy and deliveryInfanticideMedical JurisprudenceToxicologyBiological fluidsSeminal stainsForensic PsychiatryFMGE Syllabus 2025 General Surgery Students can go through the FMGE General Surgery syllabus given below.Haemorrhage and shockSkin tumours, burns, skin graftingVenous diseasesWoundsTumours, Cysts, Ulcers and Sinuses and FistulaeDiseases of muscle, tendons, bursae and fasciaUmbilical granuloma, fistula, adenomaFace, Teeth, Gums, Mouth, Tongue, Salivary glands, NeckBreastsCranio-Cerebral injuriesGenito-Urinary SystemUrinary BladderUrethraVasectomy and RecanalisationOesophagus, Stomach and DuodenumPancreasIntestines, intestinal obstructionRectum and Anal CanalAppendixPeritoneumSpleen, Liver, Gall Bladder and bile ductsCardiothoracic SystemPenis, Testis and ScrotumProstrateKidneys and UretersBrain, NervesSympathetic SystemThyroid Glands, Thyroglossal Tract and EndocrinesFMGE Syllabus 2025 Orthopaedics Students can find the FMGE Orthopaedics syllabus given below.Physical Medicine and RehabilitationBone and Joint TuberculosisNeuro-muscular DisorderRegional ConditionsCold OrthopedicsInjuries to the SpineVascular InjuriesInjuries to bones and jointsTraumatologyFMGE Syllabus 2025 Anaesthesia Students can find the FMGE Anaesthesia syllabus given below.Role of anaesthesiologist in acute and chronic reliefPoisoningSites of respiratory obstruction and management of the airway in an unconscious patientShockICUBlood Transfusion and Fluid Electoral BalanceMonitoringCardiopulmonary resuscitation basic, use of simple ventilatorsLocal AnesthesiaMuscle Relaxants Spinal/ Epidural AnesthesiaIPPV, Endotracheal IntubationsAnaesthetic agents, stages of AnaesthesiaPhysiology of Respiration O_2/CO_2 transportAnatomy of upper airwayFMGE Radiodiagnosis SyllabusStudents can find the FMGE Radiodiagnosis syllabus given below.Excretory SystemCentral Nervous SystemSkeletal SystemObstetrics and GynaecologyGastrointestinal SystemCardiovascular SystemRespiratory SystemFMGE Radiotherapy SyllabusStudents can find the FMGE Radiotherapy syllabus given below.Radio-isotopes in diagnosis and therapyRadiotherapy and chemotherapy are commonly seen in cancersCommon radiation reactions and managementPrinciples of Nuclear MedicinePrevention and Early Diagnosis of CancerPrinciples of ChemotherapyPrinciples of RadiotherapyFMGE Paediatrics SyllabusStudents can find the FMGE Paediatrics syllabus given below.Respiratory SystemEndocrinologyNephrologyGastroenterologyCentral Nervous SystemPediatric EmergenciesGeneticsInfectionsNutritionGrowth and DevelopmentNeonatologyVital StatisticsFMGE Medicine SyllabusStudents can find the FMGE Medicine syllabus given below.GeriatricsEndocrine SystemNephrology and Urinary SystemNeurological SystemEmergency MedicineGastrointestinal TractCardiovascular SystemRespiratory SystemHaematologyInfectionsExposure to Physical and Chemical AgentsCommon Symptoms and DiseasesClinical Methods in the Practice of MedicineFMGE Psychiatry SyllabusStudents can find the FMGE Psychiatry syllabus given below.Personality disorderClinical FeaturesDrug AbuseAlcoholismAnxiety Disorders and HysteriaDementiaMania and DepressionSchizophreniaDifferent Psychoses Clinical FeaturesBehavioral SciencesConduction of Mental Status ExaminationHistory Aspects and Diagnosis and Treatment of Mental IllnessFMGE Syllabus 2025 OpthalmologyStudents can find the FMGE Opthalmology syllabus given below.Community OphthalmologyLidsInjuriesRefractive ErrorsOphthalmic SurgeryOrbitRetinaOptic NerveSquintLacrimal SystemGlaucomaUveal TractLensScleraCorneaConjunctiveBasic SciencesFMGE Syllabus 2025 Otorhinolaryngology Students can find the FMGE Otorhinolaryngology syllabus given below. OesophagusDiseases of TracheaDiseases of nasopharynxDiseases of Nose and paranasal sinusesDiseases of the EarFMGE Syllabus 2025 Community Medicine Students can find the FMGE community Medicine syllabus given below.International HealthHealth planning and management including disaster managementHealth system in IndiaUrban healthSchool HealthReproductive and child healthDemographyCommunicable and non-communicable diseasesEpidemiology of specific diseasesBasic epidemiologyFundamentals of biostatisticsMedical sociology and community mental healthOccupational healthNutrition and dieteticsHealth educationEnvironment and healthEvaluation of public health and concepts of healthFMGE Syllabus 2025 Obstetrics and Gynaecology Students can find the FMGE syllabus Obstetrics and Gynaecology given below.Operative gynaecologyDiseases of breastEndoscopyChemotherapy in gynaecologyRadiotherapy in gynaecologyCarcinomaTumoursGenital prolapseGenital infectionsGenital injuries and fistulaeEndometriosis and allied statesFertility and infertilityMenstrual disorderVaginal dischargeCurrent topicsRCHMedico-legal aspectsMaternal morbidity and mortalitySafe motherhoodPharmacotherapeutics in obstetricsPost caesarean pregnancyOperative obstetricsFamily planning Medical termination of pregnancyCare of newbornBreastfeedingNormal puerperiumNormal labourAbnormal obstetricsAntenatal carePhysiology of conceptionDermatology and sexually transmitted diseasesStudents can find the Dermatology and Sexually Transmitted Diseases syllabus given below.Lichen PlanusDermatological therapyDiseases caused by Environmental and Nutritional FactorsInfective DisordersAllergic DisordersPigment metabolism, Melanocytes, and other disorders of PigmentationDermatitis and EczemaFunctions and structure of Sebaceous glands and DiseaseAlopecia and HirsutismVesiculobullous DiseasesLeprosySTDPsoriasisTuberculosis and respiratory diseasesStudents can go through tuberculosis and respiratory diseases listed below.The subject comprises in-depth information on the diagnosis and management of common ailments that affect the chest. A special emphasis on the prevention and management of Tuberculosis and the National Tuberculosis Control Programme is given in the syllabus.Top Medical Colleges :The FMGE 2025 December session exam is segregated in two parts - A and B. The subject-wise distribution for both sections are as follows:FMGE 2025 Subject-Wise Distribution- Part AThe detailed Subject-Wise distribution of FMGE Syllabus 2025 December Session Part A has been provided below for candidates to refer to:PRE & PARA Clinical Subjects Sr. No.SubjectDistribution of Marks1Biochemistry 172Physiology 173Anatomy 174Pathology 135Pharmacology 136Microbiology 137Forensic Medicine10Total100FMGE 2025 Subject-Wise Distribution- Part BThe Part B of the FMGE Syllabus 2025 December Session has been mentioned below in detail for reference:Clinical Subjects Sr. No.SubjectDistribution of Marks1Medicine & Allied Subjects5I)Dermatology & STD 5II)Psychiatry5III)Medicine 33IV)Radiotherapy 52General Surgery & Allied Subjects I)Radiodiagnosis 5II)Anaesthesiology 5III)Orthopaedics 5IV)General Surgery323Paediatrics 154Otorhinolaryngology 155Community Medicine306Obstetrics & Gynaecology 307Opthalmology 158Total200Students must prepare the FMGE syllabus very carefully and smartly. Students can find the steps to prepare FMGE 2025 syllabus mentioned below. Understand the Exam Pattern: Familiarize yourself with the FMGE exam pattern. It will help students to understand the types of questions and the total time required to cover te syllabus. Identify Weaknesses: Students must practice previous years' questions from the FMGE books to identify their weaknesses. Knowing the topics students are weak in will help students to reflect on their mistakes. They will also be able to identify their strengths and divide time between topics.Practice Regularly: Students must engage in consistent practice by attempting numerous mock tests and practice papers. Regular practice will enhance students' speed, accuracy, and time management skills. Further, they will be able to know the repeated topics that they must focus on for better scores in the examinations. Analyze Overall Performance: After each mock test or practice paper completion, students must self-check the total concepts they are good at learning. They must see all the topics in the FMGE 2025 syllabus and work more on the topics they are weak in for better scores in the examinations. Further, based on their performance, they must customize their study plan from time to time while being consistent with their timetable.Revise: Students must dedicatedly themselves to revising previously learned topics for better understanding of the exam pattern and syllabus. They will be able to recall better in the exam if they revise the previously studied topics before studying their next topic. Time Management: Students must practice time management skills by solving previous years' papers within a set time limit. It will help students to identify important questions and also increase their speed, along with problem-solving skills & accuracy. Learn from Your Mistakes: Students must learn from any mistakes made during the exam syllabus topics. They must analyze the questions answered incorrectly, understand the reasons for errors, and take steps to avoid repeating them in the future. When students start to learn from their mistakes, then they will also be able to improve gradually. Therefore, it is very important for students to not ignore their mistakes. FMGE 2024 syllabus is determined by the National Board of Examinations (NBE) following the standards set by the National Medical Commission (NMC). The NBE then publishes the syllabus in the official FMGE information brochure. FMGE 2024 Syllabus is divided into 2 parts; each of 2.5 hours which can be further divided into 21 main heads related to medicine. The paper consists of 300 MCQs and no negative marking is applicable. Candidates are required to pass all papers in a single attempt. It's essential for candidates to have a strong foundation in the medical sciences and to prepare thoroughly to increase their chances of passing the FMGE. See FMGE Exam Pattern. The National Board of Examinations (NBE) has rescheduled the FMGE 2024 June session exam date to July 6, 2024. There are no official announcements regarding changes to the exam format or syllabus, it's recommended that you focus on understanding the current pattern and the subject areas typically tested. Stay updated by checking the NBE website for any revisions to the exam format or syllabus. Check FMGE 2024 Preparation Tips. FMGE 2024 Syllabus Highlights Syllabus issued by Medical Council of India Total Parts 2 Negative Marking Not Applicable Number of Subtopics 21 Number of Papers 3 (Pre -Clinical, Para - Clinical and clinical Medicine) Total Questions 300 FMGE Pre & Para Clinical Subjects FMGE 2024 Syllabus For Pre & Para Clinical Subjects Anatomy General Anatomy: Basic tissues to body, Terminology & Nomenclature Elements of Anatomy: Osteology, Arthrology, Myology, Angiology, Neurology Regional Anatomy: Upper limb, Lower limb Thorax-including diaphragm Abdomen and Pelvis, Head, Neck Brain and Spinal cord Embryology: Development of individual organs and systems, Postnatal growth & development Histology: General Histology Microanatomy of individual organs and systems Human Genetics: Principles of Human Genetics and Molecular biology Radiological Anatomy: Skiagrams, Special X-rays, Principles of imaging techniques. Surface Anatomy: In cadavers, in the living Sectional Anatomy: Thorax, Abdomen, Head, Neck and Brain Physiology General Physiology Body fluids - Blood Nerve and Muscle Gastrointestinal Tract Kidney Skin and Body temperature Endocrine Glands Reproduction Cardiovascular System Respiratory System Central Nervous Systems Special Senses Cell and Subcellular structures Hydrogen Ion concentration Acid, Bases, Buffers, Henderson-Hasselbalch equation FMGE June 2024 Session 47 Isotopes and their Application Carbohydrates Amino Acids, Peptides and Proteins Lipids Nucleic Acids Enzymes Vitamins Biological Oxidation Digestion and Absorption from GI Tract Intermediary Metabolism Carbohydrate Metabolism Lipid Metabolism Protein and Amino Acid Metabolism Purine and Pyrimidine Metabolism Minerals Biochemical Genetics and Protein Biosynthesis Tissue Biochemistry Liver Functions Nutrition and Energy Metabolism Pathology Cell injury Inflammation and Repair Immunopathology Infectious diseases Circulatory disturbances Growth disturbances and Neoplasia Nutritional and other disorders Genetic disorder Haematology Cardiovascular Pathology Respiratory Pathology Pathology of Kidney and urinary Tract Hepato-Biliary Pathology Lymphoreticular System / Spleen Reproductive System (male & female) Diseases of the Breast Musculoskeletal System Endocrine pathology Neuropathology Dermato-Pathology FMGE June 2024 Session 48 Ocular Pathology General Microbiology Immunology Bacteriology General Virology Systemic Virology Mycology Parasitology Clinical / Applied Microbiology Pharmacology General Pharmacology Autonomic Nervous System Cardiovascular System Diuretics Drugs affecting blood and blood formation Autocoids and related drugs Respiratory System Gastrointestinal System Endocrine pharmacology Central Nervous System Psychopharmacology Drugs in Anaesthetic practice Chemotherapy Toxicology Clinical Pharmacology and Rational drug use Forensic Medicine Definitions Courts of India Court procedures Medical Certifications & medico-legal reports including dying declaration Death Changes after death Inquest by police, magistrate and coroner Identification Examination of mutilated human remains Medico-legal autopsies FMGE June 2024 Session 49 Mechanical injuries and wounds Examination of an injury case Injuries due to physical agents & their medico legal importance Asphyxial death Death due to malnutrition, neglect battered babies Dowry death Virginity, sexual offences, sexual perversions Legitimacy Pregnancy and delivery Infanticide Biological fluids Seminal stains Forensic Psychiatry Medical Jurisprudence Toxicology General Surgery Haemorrhage and shock Fluid, electrolyte and Acid balance, nutrition Skin tumours, burns, skin grafting Arterial diseases Venous diseases Lymphatic and Lymph nodes Wounds Specific and non-specific injections Tumours, Cysts, Ulcers and Sinuses and Fistulae Infections of Hand and Foot Diseases of muscle, tendons, bursae and fascia Hernia Umbilical granuloma, fistula, adenoma Abdominal Wall Face, Teeth, Gums, Mouth, Tongue, Salivary glands, Neck Thyroid Glands, Thyroglossal Tract and Endocrines Breast Sympathetic System Cranio-Cerebral injuries Brain, Nerves Genito-Urinary System Kidneys and Ureters Urinary Bladder FMGE June 2024 Session 50 Prostrate Urethra Penis, Testis and Scrotum Vasectomy and Recanalisation Cardiothoracic System Oesophagus, Stomach and Duodenum Spleen, Liver, Gallbladder and bile ducts Pancreas Peritoneum Intestines, intestinal obstruction Appendix Rectum and Anal Canal Anaesthesia Anatomy of upper airway Physiology of Respiration O_2/CO_2 transport. Methods of oxygen therapy. Pre-operative evaluation/pre-medication Anaesthetic agents, stages of Anaesthesia Principles and mechanism of administration of general anaesthetics, balanced Anaesthesia IPPV, Endotracheal Intubations Muscle Relaxants Spinal/Epidural Anesthesia Local Anesthesia Cardiopulmonary resuscitation basic, use of simple ventilators Monitoring ICU, role of anaesthesiologist in ICU Shock Blood Transfusion and Fluid Electoral Balance Sites of respiratory obstruction and management of airway in an unconscious patient Poisoning Role of anaesthesiologist in acute and chronic relief. Orthopaedics Traumatology Injuries of bones and joints Injuries of Lower Extremity Injuries of the Spine Vascular Injuries Cold Orthopedics Regional Conditions FMGE June 2024 Session 51 Neuro-Muscular Disorder Bone and Joint Tuberculosis Physical Medicine and Rehabilitation Radio- Diagnosis Respiratory System Cardiovascular System Gastrointestinal System Obstetrics & Gynaecology Skeletal System Central Nervous System Excretory System RADIOTHERAPY Principles of Radiotherapy Principles of Chemotherapy Prevention and Early diagnosis of Cancer Principles of Nuclear medicine Common radiation reactions and management Radiotherapy and chemotherapy in commonly seen cancers Radio-isotopes in diagnosis and therapy Paediatrics Vital statistics Neonatology Growth & Development Nutrition Infections Genetics Pediatric Emergencies Central Nervous System Gastroenterology Nephrology Endocrinology Respiratory System FMGE 2024 Syllabus For Clinical Subjects Medicine Clinical Methods in the practice of Medicine Common symptoms of disease Nutrition/Exposure to Physical & Chemical Agents FMGE June 2024 Session 52 Infections Haematology Respiratory System Cardio-Vascular System Gartro-Intestinal Tract Emergency Medicine Neurological System Nephrology & Urinary system connected to Tissue Disorders Endocrine System Geriatrics Tuberculosis And Respiratory Diseases Diagnosis and management of common ailments affecting the chest with special emphasis on management and prevention of Tuberculosis and National Tuberculosis Control Programme. Psychiatry History aspects and diagnosis & treatment of mental illness Conduction of Mental Status Examination Behavioral Sciences Different psychoses Clinical features, diagnosis and management of : Schizophrenia Mania and depression Anxiety disorders and hysteria Dementia Alcoholism Drug Abuse Psychiatric emergencies Clinical features, diagnosis and management of psychiatric disorders of childhood and adolescence Personality disorder Dermatology And Sexually Transmitted Diseases Dermatological therapy Lichen Planus Diseases caused by Nutritional and Environmental Factors Infective Disorders Melanocytes, pigment metabolism and other disorders of Pigmentation Allergic Disorders Dermatitis and Eczema FMGE June 2024 Session 53 Vesiculobullous Diseases Alopecia and Hirsutism Structure and functions of Sebaceous glands and Disease Leprosy Psoriasis STD Ophthalmology Basic sciences – Anatomy, Physiology, Pharmacology, Pathology, Elementary Optics, Diseases of the Eye Conjunctiva Cornea Sclera

Uveal Tract Lens Vitreous Glaucoma Retina Optic Nerve Intra-Occular Tumors Squint Orbit Lacrimal System Lids Refractive Errors Injuries Ophthalmic Surgery Community Ophthalmology Miscellaneous Otorhinolaryngology Diseases of the Ear Diseases of Nose and Para Nasal sinuses Diseases of Nasopharynx Diseases of Trachea Oesophagus Obstetrics And Gynecology Anatomy of the Female Reproductive Tract Physiology of conception FMGE June 2024 Session 54 Development of foetus and placenta Diagnosis of pregnancy Maternal changes in pregnancy Antenatal care Abnormal obstetrics Normal labour Normal puerperium Breast Feeding Care of newborn Medical termination of pregnancy Family planning Operative obstetrics Post cesarean pregnancy Pharmaco therapeutics in obstetrics Safe motherhood Maternal morbidity and mortality Medico legal aspects RCH Current topics Vaginal discharge Menstrual disorder Fertility, infertility Endometriosis and allied states Genital injuries and fistulae Genital infections Genital prolapse Tumours Carcinoma Radiotherapy in gynaecology Chemotherapy in gynaecology Endoscopy Diseases of breast Operative gynaecology Community Medicine Evaluation of Public Health and Concepts of Health Environment and Health Health Education Nutrition and Dietetics FMGE June 2024 Session 55 Occupational Health Medical Sociology and Community Mental Health Fundamentals of Biostatistics Basic Epidemiology Epidemiology of Specific Diseases Communicable and Non-Communicable Diseases Demography Reproductive and Child Health School Health Urban Health Health System in India Health Planning and Management including Disaster Management International Health FMGE 2024 Exam Pattern Part 1 of FMGE 2024 Exam consists of pre and para clinical subjects. The total marks is 100. All questions are MCQ. Subject Distribution Of Marks Anatomy 17 Physiology 17 Biochemistry 17 Pathology 13 Microbiology 13 Pharmacology 13 Forensic Medicine 10   The second part consists of clinical subjects; medicine and allied subjects and general surgery and allied subjects.   Subject Distribution Of Marks Medicine 33 Psychiatry 5 Dermatology & STD 5 Radiotherapy 5 General Surgery 32 Anesthesiology 5 Orthopaedics 5 Radiodiagnosis 5 Paediatrics 15 Ophthalmology 15 Otorhinolaryngology 15 Obstetrics & Gynaecology 30 Community Medicine 30 Ques. Is FMGE a difficult exam to crack? Ans. Given that a large number of students fail to crack the FMGE exam, it is considered to be a tough exam by many. Ques. When should I start preparing for FMGE exam? Ans. Experts suggest FMGE aspirants should avoid last minute studying as the syllabus is vast and hard. !st or 2 year is a good time to start your FMGE preparation. Ques. What is the syllabus for FMGE exam? Ans. Topics covered under FMGE Exam include Anatomy, General surgery, Tuberculosis and respiratory diseases, Physiology, Anaesthesia, Psychiatry, Biochemistry, Orthopaedics, Dermatology and sexually transmitted diseases, Pathology, Radiodiagnosis, Ophthalmology, Microbiology, Radiotherapy, Otorhinolaryngology, Pharmacology, Paediatrics, Obstetrics and gynaecology, Forensic medicine, Medicine, Community medicine. Ques. Does FMGE have negative marking? Ans. No, FMGE exam does not have negative marking which means candidates can attempt MCQs even if they are not familiar with it without the fear of losing marks. Ques. What are the best books for FMGE Exam? Ans. Best books for FMGE exam are 1.FMGE Solutions-Deepak Marwah 2. Self-assessment and review-Kamal K.V 3.PSM for FMGE-Vivek Jain 4.PROAFS for small subjects. Ques. How many times can one attempt the FMGE Exam? Ans. Candidates are allowed to attempt the FMGE maximum of 3 times. *The article might have information for the previous academic years, which will be updated soon subject to the notification issued by the University/College.In case of any inaccuracy, Notify Us! Want to know more?Ask questions to our experts FMGE 2024 syllabus is determined by the National Board of Examinations (NBE) following the standards set by the National Medical Commission (NMC). The NBE then publishes the syllabus in the official FMGE information brochure. FMGE 2024 Syllabus is divided into 2 parts; each of 2.5 hours which can be further divided into 21 main heads related to medicine. The paper consists of 300 MCQs and no negative marking is applicable. Candidates are required to pass all papers in a single attempt. It's essential for candidates to have a strong foundation in the medical sciences and to prepare thoroughly to increase their chances of passing the FMGE. See FMGE Exam Pattern. 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Orthopaedics Traumatology Injuries of bones and joints Injuries of Lower Extremity Injuries of the Spine Vascular Injuries Cold Orthopedics Regional Conditions FMGE June 2024 Session 51 Neuro-Muscular Disorder Bone and Joint Tuberculosis Physical Medicine and Rehabilitation Radio- Diagnosis Respiratory System Cardiovascular System Gastrointestinal System Obstetrics & Gynaecology Skeletal System Central Nervous System Excretory System RADIOTHERAPY Principles of Radiotherapy Principles of Chemotherapy Prevention and Early diagnosis of Cancer Principles of Nuclear medicine Common radiation reactions and management Radiotherapy and chemotherapy in commonly seen cancers Radio-isotopes in diagnosis and therapy Paediatrics Vital statistics Neonatology Growth & Development Nutrition Infections Genetics Pediatric Emergencies Central Nervous System Gastroenterology Nephrology Endocrinology Respiratory System FMGE 2024 Syllabus For Clinical Subjects Medicine Clinical Methods in the practice of Medicine Common symptoms of disease Nutrition/Exposure to Physical & Chemical Agents FMGE June 2024 Session 52 Infections Haematology Respiratory System Cardio-Vascular System Gartro-Intestinal Tract Emergency Medicine Neurological System Nephrology & Urinary system connected to Tissue Disorders Endocrine System Geriatrics Tuberculosis And Respiratory Diseases Diagnosis and management of common ailments affecting the chest with special emphasis on management and prevention of Tuberculosis and National Tuberculosis Control Programme. Psychiatry History aspects and diagnosis & treatment of mental illness Conduction of Mental Status Examination Behavioral Sciences Different psychoses Clinical features, diagnosis and management of : Schizophrenia Mania and depression Anxiety disorders and hysteria Dementia Alcoholism Drug Abuse Psychiatric emergencies Clinical features, diagnosis and management of psychiatric disorders of childhood and adolescence Personality disorder Dermatology And Sexually Transmitted Diseases Dermatological therapy Lichen Planus Diseases caused by Nutritional and Environmental Factors Infective Disorders Melanocytes, pigment metabolism and other disorders of Pigmentation Allergic Disorders Dermatitis and Eczema FMGE June 2024 Session 53 Vesiculobullous Diseases Alopecia and Hirsutism Structure and functions of Sebaceous glands and Disease Leprosy Psoriasis STD Ophthalmology Basic sciences – Anatomy, Physiology, Pharmacology, Pathology, Elementary Optics, Diseases of the Eye Conjunctiva Cornea Sclera

Uveal Tract Lens Vitreous Glaucoma Retina Optic Nerve Intra-Occular Tumors Squint Orbit Lacrimal System Lids Refractive Errors Injuries Ophthalmic Surgery Community Ophthalmology Miscellaneous Otorhinolaryngology Diseases of the Ear Diseases of Nose and Para Nasal sinuses Diseases of Nasopharynx Diseases of Trachea Oesophagus Obstetrics And Gynecology Anatomy of the Female Reproductive Tract Physiology of conception FMGE June 2024 Session 54 Development of foetus and placenta Diagnosis of pregnancy Maternal changes in pregnancy Antenatal care Abnormal obstetrics Normal labour Normal puerperium Breast Feeding Care of newborn Medical termination of pregnancy Family planning Operative obstetrics Post cesarean pregnancy Pharmaco therapeutics in obstetrics Safe motherhood Maternal morbidity and mortality Medico legal aspects RCH Current topics Vaginal discharge Menstrual disorder Fertility, infertility Endometriosis and allied states Genital injuries and fistulae Genital infections Genital prolapse Tumours Carcinoma Radiotherapy in gynaecology Chemotherapy in gynaecology Endoscopy Diseases of breast Operative gynaecology Community Medicine Evaluation of Public Health and Concepts of Health Environment and Health Health Education Nutrition and Dietetics FMGE June 2024 Session 55 Occupational Health Medical Sociology and Community Mental Health Fundamentals of Biostatistics Basic Epidemiology Epidemiology of Specific Diseases Communicable and Non-Communicable Diseases Demography Reproductive and Child Health School Health Urban Health Health System in India Health Planning and Management including Disaster Management International Health FMGE 2024 Exam Pattern Part 1 of FMGE 2024 Exam consists of pre and para clinical subjects. The total marks is 100. All questions are MCQ. Subject Distribution Of Marks Anatomy 17 Physiology 17 Biochemistry 17 Pathology 13 Microbiology 13 Pharmacology 13 Forensic Medicine 10   The second part consists of clinical subjects; medicine and allied subjects and general surgery and allied subjects.   Subject Distribution Of Marks Medicine 33 Psychiatry 5 Dermatology & STD 5 Radiotherapy 5 General Surgery 32 Anesthesiology 5 Orthopaedics 5 Radiodiagnosis 5 Paediatrics 15 Ophthalmology 15 Otorhinolaryngology 15 Obstetrics & Gynaecology 30 Community Medicine 30 Ques. Is FMGE a difficult exam to crack? Ans. Given that a large number of students fail to crack the FMGE exam, it is considered to be a tough exam by many. Ques. When should I start preparing for FMGE exam? Ans. Experts suggest FMGE aspirants should avoid last minute studying as the syllabus is vast and hard. !st or 2 year is a good time to start your FMGE preparation. Ques. What is the syllabus for FMGE exam? Ans. Topics covered under FMGE Exam include Anatomy, General surgery, Tuberculosis and respiratory diseases, Physiology, Anaesthesia, Psychiatry, Biochemistry, Orthopaedics, Dermatology and sexually transmitted diseases, Pathology, Radiodiagnosis, Ophthalmology, Microbiology, Radiotherapy, Otorhinolaryngology, Pharmacology, Paediatrics, Obstetrics and gynaecology, Forensic medicine, Medicine, Community medicine. Ques. Does FMGE have negative marking? Ans. No, FMGE exam does not have negative marking which means candidates can attempt MCQs even if they are not familiar with it without the fear of losing marks. Ques. What are the best books for FMGE Exam? Ans. Best books for FMGE exam are 1.FMGE Solutions-Deepak Marwah 2. Self-assessment and review-Kamal K.V 3.PSM for FMGE-Vivek Jain 4.PROAFS for small subjects. Ques. How many times can one attempt the FMGE Exam? Ans. Candidates are allowed to attempt the FMGE maximum of 3 times. *The article might have information for the previous academic years, which will be updated soon subject to the notification issued by the University/College.In case of any inaccuracy, Notify Us! Want to know more?Ask questions to our experts

Published by Meghna ShahStudy Abroad, Study in DubaiFor Indian medical graduates returning from countries like Russia, China, Ukraine, or the Philippines, the Foreign Medical Graduate Examination (FMGE) is currently the mandatory screening test towards becoming a practising physician in India. This examination is conducted by the National Board of Examinations (NBE) under the National Medical Commission (NMC). Understanding the FMGE syllabus is essential for preparation and success in this competitive examination.However, prospective candidates must be aware that the National Medical Commission (NMC) intends for the National Exit Test (NExT) to eventually replace the FMGE (along with NEET PG) as the common licensing examination for all MBBS graduates, both Indian and foreign. While the FMGE remains in effect for cohorts preceding NExT's full implementation, preparing diligently based on the current FMGE syllabus is paramount.This guide provides a comprehensive walkthrough of the:FMGE subject-wise syllabusExamination formatHigh-yield topics, andStudy resources for candidates aiming to clear the FMGE and obtain their medical licence in India.The NMC FMGE official syllabus is structured to evaluate the fundamental competencies expected from an MBBS graduate. The exam includes all major pre-clinical, para-clinical, and clinical subjects, reflecting the MBBS curriculum in India. The following table details the FMGE syllabus.Understanding the Complete Subject-wise FMGE SyllabusSubject CategorySubjects IncludedApprox. Weightage (Marks)Pre-ClinicalAnatomy, Physiology, Biochemistry50 (Anatomy 17, Physiology 17, Biochemistry 16)Para-ClinicalPathology, Pharmacology, Microbiology, Forensic Medicine & Toxicology, Social & Preventive Medicine50 (Pathology 15, Pharmacology 15, Microbiology 10, Forensic Medicine & Toxicology 10)ClinicalGeneral Medicine, General Surgery, Obstetrics & Gynaecology, Paediatrics, Ophthalmology, ENT, Dermatology, Psychiatry, Orthopaedics, Radiology, Anaesthesia, Radiotherapy200 (General Medicine 35, General Surgery 30, Obs & Gynae 30, Paediatrics 15, Ophthalmology 15, ENT 15, Dermatology 10, Psychiatry 10, Orthopaedics 10, Radiology 10, Anaesthesia 10, Radiotherapy 5)Through this holistic method, candidates are examined on all the necessary aspects, so it is important to study the FMGE subject-wise syllabus in depth. The approximate weightage is based on previous FMGE examinations and official NBE guidelines. Exact distribution may vary slightly year to year. Related Read: Medical Entrance ExamsFMGE syllabus weightage differs between subjects, with clinical subjects generally carrying higher marks. Candidates often find General Medicine, General Surgery, Obstetrics & Gynaecology, and Social & Preventive Medicine (PSM) to be particularly important subjects for FMGE as they constitute a significant number of questions and hold more practical relevance.Typical High Scoring SubjectsGeneral Medicine & Allied SubjectsGeneral Surgery & Allied SubjectsObstetrics & GynaecologyPaediatricsSocial & Preventive MedicineMust-Know High-Yield Topics (across subjects)ECG InterpretationsDrug Mechanisms (Pharmacology)Infectious Diseases (Microbiology, Medicine)Common Surgical Procedures & ComplicationsPaediatric Milestones & VaccinationsPublic Health Programmes & Epidemiology (PSM)Obstetric Emergencies & Gynaecological ConditionsConcentrating on these high-weightage and frequently tested topics can significantly improve overall performance. Identifying FMGE high-yield topics among these subjects is a proven method for achieving maximum scores.For strategic preparation, a clear grasp of the FMGE exam pattern and syllabus is essential:AspectDetailsModeComputer-Based TestDuration5 hours (divided into two sessions of 2.5 hours each)Total Questions300 multiple-choice questions (MCQs)Total Marks300 (1 mark per question)Negative MarkingNoneThe exam comprises 2 papers of 150 questions each, covering the entire FMGE syllabus. The absence of negative marking allows students to attempt every question, potentially increasing their overall score.Staying updated with the FMGE syllabus's latest information is crucial. The National Medical Commission (NMC) periodically reviews and aligns the syllabus with the current MBBS curriculum in India. As of the latest guidelines, yes, the FMGE syllabus remains closely aligned with the Indian MBBS syllabus, ensuring parity between domestic and foreign medical graduates.However, candidates must remain highly vigilant regarding the implementation of the National Exit Test (NExT), which is designed to replace FMGE (and NEET PG). While the FMGE syllabus currently reflects this alignment, any final NExT regulations or implementation timelines could alter future requirements for licensure. Students should also address any knowledge gaps arising from variations in their foreign medical curricula through self-learning or coaching and consistently check the NMC's official notifications for any changes or additions to the syllabus or exam structure.Choosing the right FMGE preparation books and resources is a game-changer. Recommended materials for each section include:Standard MBBS textbooks (e.g., Robbins, K.D. Tripathi, Park)FMGE-specific guides and review books (e.g., Mudit Khanna, Dr. Deepak Marwah, Dr. Pritesh Singh)Best Books for Pre-Clinical & Para-Clinical SubjectsAnatomy: B.D. Chaurasia’s Human AnatomyPhysiology: Guyton and Hall Textbook of Medical PhysiologyBiochemistry: Vasudevan’s Textbook of BiochemistryPathology: Robbins & Cotran Pathologic Basis of DiseasePharmacology: K.D. Tripathi’s Essentials of Medical PharmacologyMicrobiology: Ananthanarayan and Paniker’s Textbook of MicrobiologyForensic Medicine & Toxicology: Reddy’s Essentials of Forensic Medicine & ToxicologySocial & Preventive Medicine: Park’s Textbook of Preventive and Social MedicineBest Books for Clinical SubjectsGeneral Medicine: Harrison’s Principles of Internal Medicine (review books like Dr. Rakesh Yadav’s also recommended)General Surgery: Bailey & Love’s Short Practice of SurgeryObstetrics & Gynaecology: D.C. Dutta’s Textbook of Obstetrics and Gynaecology; Shaw’s Textbook of GynaecologyPaediatrics: O.P. Ghai’s Essential PaediatricsOphthalmology: A.K. Khurana’s Comprehensive OphthalmologyENT: Dhingra & Dhingra’s Diseases of Ear, Nose and ThroatDermatology: Neena Khanna’s Illustrated Textbook of DermatologyPsychiatry: Ahuja’s A Short Textbook of PsychiatryOrthopaedics: Maheshwari & Mhaskar’s Essential OrthopaedicsRadiology/Anaesthesia/Radiotherapy: Often covered through review books or integrated with Medicine/Surgery.Best Online Preparation ResourcesFMGE previous year question papers (essential)Online MCQ banks and mock tests from reputable platformsMobile apps and online platforms specialising in FMGE coaching (e.g., Marrow, PrepLadder, DAMS)Video lectures covering high-yield topicsUtilising these resources ensures comprehensive coverage of the FMGE syllabus for foreign medical graduates and builds confidence for the exam.Effective preparation for the FMGE exam pattern and syllabus requires a strategic approach:Prioritise High-Weightage Subjects: Start with General Medicine, General Surgery, Obstetrics & Gynaecology, and Social & Preventive Medicine, as these consistently have the most questions.Focus on High-Yield Topics: Identify recurring topics from previous years’ papers, such as cardiovascular diseases, infectious diseases, pharmacology mechanisms, and public health programmes.Create a Study Schedule: Allocate more time to weaker areas but ensure regular revision of strong subjects.Practice MCQs Relentlessly: Regular practice with MCQs enhances speed, accuracy, and familiarises you with the exam pattern.Simulate Exam Conditions: Attempt full-length mock tests regularly to build stamina, improve time management skills, and identify areas for improvement.Revise Regularly: Frequent revision of notes, high-yield facts, and important formulas is essential for long-term retention.Image-Based Questions: Pay attention to image-based questions, as they are increasingly common.Smart planning based on the FMGE syllabus weightage and focusing on FMGE high-yield topics can make a significant difference in performance.Navigating the FMGE syllabus requires a mixture of meticulous planning, focused study based on the official outline, and judicious use of the right resources. Gaining familiarity with the FMGE subject-wise syllabus, as well as individual subject weightage, are key to medical graduates succeeding on the FMGE.Furthermore, staying updated on the National Medical Commission’s (NMC) notifications regarding the National Exit Test (NExT) is critical, as NExT is poised to replace the FMGE. Working through previous years' question papers and practice tests will further refine your preparation strategy. The earlier you start, the better your chances of success. Download the complete FMGE syllabus PDF to help you identify your strengths and weaknesses based on the subjects listed. With diligent effort, smarter study, and the right guidance, clearing the FMGE is an achievable milestone for every aspiring doctor returning to India.Published by Meghna ShahStudy Abroad, Study in DubaiMeet Meghna Shah, a seasoned expert in international education with 21 years of experience. Meghna has helped countless students achieve their dreams of studying abroad, guiding them through every step, from course selection to visa applications. Her role involves training counsellors, staying updated with university and government policies, and ensuring students receive the best possible guidance.One of her mentees, Ananya, shares, "Meghna’s advice was a game-changer. She guided me through selecting the right course and navigating the visa process. Now, I’m thriving at a top university in Dubai"Beyond her professional life, Meghna loves exploring new cuisines and travelling, bringing a relatable and refreshing perspective to her mentoring style. Her extensive knowledge and personal interests make her a trusted mentor for anyone looking to study abroad. With Meghna, you’re not just getting advice; you’re gaining a mentor who genuinely cares about your success and future. The National Board of Examinations releases the syllabus for the Foreign Medical Graduates Examination (FMGE 2025) along with the official information bulletin. The FMGE 2025 syllabus PDF session is provided in the article. FMGE exam syllabus 2025 for the June session contains the list of topics asked in the exam. FMGE exam will be conducted for Indian and Overseas Citizens of India (OCIs) to obtain a provisional/permanent registration certificate from the National Medical Commission (NMC) and State Medical Council (SMC).FMGE Subjects wise marks distributionFMGE June 2025 SyllabusFMGE 2025 Important Topics FMGE Syllabus 2025 - Paper 1 & 2 Subject-Wise, Syllabus PDF FMGE June session exam will be held in computer-based mode. As per the FMGE exam pattern 2025, the exam is divided into two parts, Part A and Part B consisting of 300 Multiple Choice Questions (MCQs). Candidates planning to take the screening test are advised to read the article to know the FMGE 2025 syllabus.FMGE Subjects wise marks distributionAs mentioned above, the FMGE 2025 June session exam will be held in the FMGE paper 1 and 2 subjects. The FMGE 2025 subjects wise distribution of both parts is as follows:FMGE 2025 subject-wise distribution- Paper 1PRE & PARA CLINICAL SUBJECTSS. NOSUBJECTDISTRIBUTION OF MARKS1ANATOMY172PHYSIOLOGY173BIOCHEMISTRY174PATHOLOGY135MICROBIOLOGY136PHARMACOLOGY137FORENSIC MEDICINE10TOTAL100FMGE 2025 Exam Syllabus- Subject-wise distribution- Paper 2CLINICAL SUBJECTSS. NOSUBJECTDISTRIBUTION OF MARKS1MEDICINE & ALLIED SUBJECTSI)MEDICINE33II)PSYCHIATRY5III)DERMATOLOGY & STD5IV)RADIOTHERAPY52GENERAL SURGERY & ALLIED SUBJECTSI)GENERAL SURGERY32II)ANESTHESIOLOGY5III)ORTHOPEDICS5IV)RADIODIAGNOSIS53PEDIATRICS154OPHTHALMOLOGY155OTORHINOLARYNGOLOGY156OBSTETRICS & GYNAECOLOGY307COMMUNITY MEDICINE30TOTAL200FMGE June 2025 SyllabusThe syllabus comprises of the FMGE exam subjects as per the Graduate Medical Education Regulations issued by the Medical Council of India with prior approval of the Government of India. Candidates can check the FMGE 2025 June session below.To check FMGE Syllabus (as per previous year) - Click hereImportant topics for FMGE 2025 - AnatomyGeneral Anatomy: Basic tissues to body, Terminology & NomenclatureElements of Anatomy: Osteology, Arthrology, Myology, Angiology, NeurologyRegional Anatomy: Upper limb, Lower limb Thorax-including diaphragmAbdomen and Pelvis, Head, Neck Brain and Spinal cordEmbryology: Development of individual organs and systems, Postnatalgrowth & developmentHistology: General Histology Microanatomy of individual organs andsystemsHuman Genetics: Principles of Human Genetics and Molecular biologyRadiological Anatomy: Skiagrams, Special X-rays, Principles of imagingtechniques.Surface Anatomy: In cadavers, in the livingSectional Anatomy: Thorax, Abdomen, Head, Neck and BrainUnlock GMAT Success Timeline & Expert Videos | Select test center appointment | Scores valid for 5 Years | Multiple AttemptsWant to study abroad? Plan your JourneyImportant topics for FMGE 2025 - PhysiologyGeneral PhysiologyBody fluids - BloodNerve and MuscleGastrointestinal TractKidneySkin and Body temperatureEndocrine GlandsReproductionCardiovascular SystemRespiratory SystemCentral Nervous SystemsSpecial SensesEbook contains the best strategies for FMGE preparation tips. Check NowBiochemistry Important topics for FMGE 2025Cell and Sub-cellular structuresHydrogen Ion concentration Acid, Bases, Buffers, Handerson-Haselbach equationIsotopes and their ApplicationCarbohydratesAmino Acids, Peptides and ProteinsLipidsNuclear AcidsEnzymesVitaminsBiological OxidationDigestion and Absorption from GI TractIntermediary MetabolismCarbohydrate MetabolismLipid MetabolismProtein and Amino Acid MetabolismPurine and Primidine MetabolismMineralsBiochemical Genetics and Protein BiosynthesisTissue BiochemistryLiver FunctionsNutrition and Energy MetabolismWant to study abroad? Plan your JourneyWant to study abroad? Plan your JourneyImportant topics for FMGE 2025 PathologyCell injuryInflammation and RepairImmunopathologyInfectious diseasesCirculatory disturbancesGrowth disturbances and NeoplasiaNutritional and other disordersGenetic disorderHaematologyCardiovascular PathologyRespiratory PathologyPathology of Kidney and urinary TractHepato-Biliary PathologyLymphoreticular System / SpleenReproductive System (male & female)Diseases of the BreastMusculoskeletal SystemEndocrine pathologyNeuropathologyDermato-PathologyOcular PathologyMicrobiology Important topics for FMGE 2025General MicrobiologyImmunologyBacteriologyGeneral VirologySystemic VirologyMycologyParasitologyClinical / Applied MicrobiologyImportant topics for FMGE 2025 PharmacologyGeneral PharmacologyAutonomic Nervous SystemCardio-vascular SystemDiureticsDrugs affecting blood and blood formationAutocoids and related drugsRespiratory SystemGastro-intestinal SystemEndocrine pharmacologyCentral Nervous SystemPsychopharmacologyDrugs in Anaesthetic practiceChemotherapyToxicologyClinical Pharmacology and Rational drug useForensic Medicine topics for FMGE 2025DefinitionsCourts of IndiaCourt proceduresMedical Certifications & medico-legal reports including dying declarationDeathChanges after deathInquest by police, magistrate and coronerIdentificationExamination of mutilated human remainsMedico-legal autopsiesMechanical injuries and woundsExamination of an injury caseInjuries due to physical agents & their medico legal importanceAsphyxial deathDeath due to malnutrition, neglect battered babiesDowry deathVirginity, sexual offences, sexual perversionsLegitimacyPregnancy and deliveryInfanticideBiological fluidsSeminal stainsForensic PsychiatryMedical JurisprudenceToxicologyImportant topics for FMGE 2025 - General SurgeryHemorrhage and shockFluid, electrolyte and Acid balance, nutritionSkin tumours, burns, skin graftingArterial diseasesVenous diseasesLymphatic and Lymph nodesWoundsSpecific and non-specific injectionsTumors, Cysts, Ulcers and Sinuses and FistulaeInfections of Hand and FootDiseases of muscle, tendons, bursae and fasciaHerniaUmbilical granuloma, fistula, adenomaAbdominal WallFace, Teeth, Gums, Mouth, Tongue, Salivary glands, NeckThyroid Glands, Thyroglossal Tract and EndocrinesBreastSympathetic SystemCranio-Cerebral injuriesBrain, NervesGenito-Urinary SystemKidneys and UretersUrinary BladderProstrateUrethraPenis, Testis and ScrotumVasectomy and RecanalisationCardiothoracis SystemOesophagus, Stomach and DuodenumSpleen, Liver, Gall Bladder and bile ductsPancreasPeritoneumIntestines, intestinal obstructionAppendixRectum and Anal CanalAnaesthesia Important topics for FMGE 2025Anatomy of upper airwayPhysiology of Respiration O2/CO2 transport. Methods of oxygen therapy.Pre-operative evaluation/pre-medicationAnaesthetic agents, stages of AnaesthesiaPrinciples and mechanism of administration of general anaesthetics, balancedAnaesthesiaIPPV, Endotracheal IntubationsMuscle RelaxantsSpinal/Epidural AnesthesiaLocal AnesthesiaCardiopulmonary resuscitation basic, use of simple ventilatorsMonitoringICU, role of anaesthesiologist in ICUShockBlood Transfusion and Fluid Electoral BalanceSites of respiratory obstruction and management of airway in an unconsciouspatientPoisoningRole of anaesthesiologist in acute and chronic reliefOrthopaedicsTraumatologyInjuries of bones and jointsInjuries of Lower ExtremityInjuries of the Spine Vascular InjuriesCold OrthopedicsRegional ConditionsRadio-DiagnosisNeuro-Muscular DisorderBone and Joint TuberculosisPhysical Medicine and RehabilitationImportant topics for FMGE 2025 - Radio-DiagnosisRespiratory SystemCardiovascular SystemGastrointestinal SystemObstetrics &GynaecologySkeletal SystemCentral Nervous SystemExcretory SystemRadiotherapyPrinciples of RadiotherapyPrinciples of ChemotherapyPrevention and Early diagnosis of CancerPrinciples of Nuclear medicineCommon radiation reactions and managementRadiotherapy and chemotherapy in commonly seen cancersRadio-isotopes in diagnosis and therapyPaediatricsVital statisticsNeonatologyGrowth & DevelopmentNutritionInfectionsGeneticsPediatric EmergenciesCentral Nervous SystemGastroenterologyNephrologyEndocrinologyRespiratory SystemMedicineClinical Methods in the practice of MedicineCommon symptoms of diseaseNutrition/Exposure to Physical & Chemical AgentsInfectionsHaematologyRespiratory SystemCardio-Vascular SystemGartro-Intestinal TractEmergency MedicineNeurological SystemNephrology & Urinary system connected to Tissue DisordersEndocrine SystemGeriatricsTuberculosis and Respiratory DiseasesDiagnosis and management of common ailments affecting the chest with specialemphasis on management and prevention of Tuberculosis and NationalTuberculosis Control ProgrammePsychiatryHistory aspects and diagnosis & treatment of mental illnessConduction of Mental Status ExaminationBehavioral SciencesDifferent psychoses Clinical features, diagnosis and management of :SchizophreniaMania and depressionAnxiety disorders and hysteriaDementiaAlcoholismDrug AbusePsychiatric emergenciesClinical features, diagnosis and management of psychiatric disorders of childhoodand adolescencePersonality disorderDermatology and Sexually Transmitted Diseases Dermatological therapyLichen PlanusDiseases caused by Nutritional and Environmental FactorsInfective DisordersMelanocytes, pigment metabolism and other disorders of PigmentationAllergic DisordersDermatitis and EczemaVesiculobullous DiseasesAlopecia and HirsutismStructure and functions of Sebaceous glands and DiseaseLeprosyPsorasisSTDOphthalmologyBasic sciences – Anatomy, Physiology, Pharmacology, Pathology, ElementaryOptics, Diseases of the EyeConjunctivaCorneaScleraUveal TractLensVitreousGlaucomaRetinaOptic NerveIntra-Occular TumorsSquintOrbitLacrimal SystemLidsRefractive ErrorsInjuriesOphthalmic SurgeryCommunity OphthalmologyMiscellaneousOtorhinolaryngologyDiseases of the EarDiseases of Nose and Para Nasal sinusesDiseases of NasopharynxDiseases of TracheaOesophagusObstetrics and GynecologyAnatomy of the Female Reproductive TractPhysiology of conceptionDevelopment of foetus and placentaDiagnosis of pregnancyMaternal changes in pregnancyAntenatal careAbnormal obstetricsNormal labourNormal puerpariumBreast FeedingCare of new bornMedical termination of pregnancyFamily planningOperative obstetricsPost caesarian pregnancyPharmaco therapeutics in obstetricsSafe motherhoodMaternal morbidity and moralityMedico legal aspectsRCHCurrent topicsVaginal dischargeMenstrual disorderFertility, infertilityEndometriosis and allied statesGenital injuries and fistulaeGenital infectionsGenital prolapseTumoursCarcinomiaRadiotherapy in gynaecologyChemotherapy in gynaecologyEndoscopyDiseases of breastOperative gynaecologyCommunity Medicine Evaluation of Public Health and Concepts of HealthEnvironment and HealthHealth EducationNutrition and DieteticsOccupational HealthMedical Sociology and Community Mental HealthFundamentals of BiostatisticsBasic EpidemiologyEpidemiology of Specific DiseasesCommunicable and Non-Communicable DiseasesDemographyReproductive and Child HealthSchool HealthUrban HealthHealth System in IndiaHealth Planning and Management including Disaster ManagementInternational HealthFMGE 2025 Important TopicsWhile every topic within the FMGE syllabus is important, some subjects and areas carry a higher weightage. Candidates should focus on the following FMGE key topics:Cardiology and Respiratory MedicineGastroenterology and EndocrinologyInfectious DiseasesPharmacology and Drug ClassesPathology and Microbiology TechniquesMedical Ethics and Forensic Medicine

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