

## MBA352: MEDICAL TERMINOLOGY & PROCEDURES

Teaching Scheme	Examination Scheme
Lectures: 4 hrs./Week Tutorials: 1 hrs./Week  Credits: 4	Class Test -12Marks Teachers Assessment - 6Marks Attendance – 12 Marks End Semester Exam – 70 marks

### Course Objectives:

- To provide students with an advanced understanding of healthcare related medical terms.
- To effectively identify, understand, and utilize medical terms as they will be applicable in the field of healthcare.

**Hours: 40**

**Unit-I (10 Hrs):** Fundamentals of Medical Terminology: Word Roots, Prefix, Suffix, Abbreviations & Symbols. Introduction to Anatomy & Physiology Organs & Systems: Gastro Intestinal, Respiratory, Circulatory, Renal, Reproductive, Nervous

**Unit-II (10 Hrs):** Common Diseases & Procedures: Gastro Intestinal, Cholecystitis, Cholelithiasis, Appendicitis, Intestinal Obstruction, Hernia, Peritonitis, Gastroscopy: Endoscopy, Laparotomy, Laparoscopy.

Common Diseases & Procedures: Respiratory, Tuberculosis, Bronchial Asthma, Respiratory Failure, Pulmonary Embolism, Pneumonia, Bronchoscopy, Pulmonary Function Test, Cardio-Pulmonary Resuscitation.


**Unit-III (10 Hrs):** Circulatory: Hypertension, Coronary Artery Disease, Arrhythmias, Cardiac Arrest Shock. Deep Vein Thrombosis (DVT), ECG, 2D Echo Cardiogram, Coronary Angiography, Cardiac Catheterisation, Stress Test, Pacemaker.

Renal: Nephrotic Syndrome, Urinary Tract Infection, Renal Failure, Renal / Bladder Stones  
Intravenous Pyelography, Cystoscopy, Urinalysis, Haemodialysis, Peritoneal Dialysis.

**Unit-IV(10 Hrs):** Reproductive: Female – Breast Cancer/Self Examination, Menstrual Disorders, Dysmenorrhoea, Premenstrual Syndrome (PMS), Menorrhagia, Ovarian Cyst, Fibroids, Malignancy, Infertility Mammography, Ultra Sound, Laparoscopy, IVF, Tubectomy, D&C.  
Male - Prostate Enlargement, Hydrocele, Impotence, Transurethral Resection of Prostate (TURP)

Nervous: Stroke (Cerebro Vascular Accident), Brain Tumor, Brain Injuries, Spinal Cord Injuries, Lumbar Puncture, Myelography, CT Scan, MRI, EEG, EMG

Oncology: Investigations

  
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**Suggested Readings:**

1. Principles of Anatomy & Physiology – By Gerard J. Tortora.
2. Anatomy & Physiology in Health & Illness – By Anne Waugh – Churchill Livingstone.
3. Anatomy & Physiology for Nurses – By Evelyn Pearce – Indian Edition – Jaypee Brothers, New Delhi.
4. Dorland's Pocket Medical Dictionary.
5. Taber's Cyclopedic Medical Dictionary – F&A Davis Philadelphia.
6. Medical Manual of Anatomy – By Sampath Madhyastha – CBS Publication.

**Course Outcomes:**

- Identify, pronounce, and spell medical terms.
- Use terms in context; utilize prefixes, suffixes, root words, and plurals to construct medical terms.
- Analyze medical terms.
- Translate abbreviation and interpret symbols.
- Demonstrate ability to analyze words by dividing them into component parts.
- Identify and employ terms pertaining to the body as a whole.
- Demonstrate ability to apply new knowledge to understanding medical terms in their proper contexts.
- Differentiate among the various classes of drugs and learn their actions and side effects.
- Differentiate among various laboratory tests, clinical procedures, and clinical healthcare professionals.

Employable Skills	Measuring Tools
Ability to identify and apply the knowledge of subject practically in real life situations	Exercise Workshop Quiz Classroom Discussions

  
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