

ALLIED & HEALTHCARE INSTITUTE

DIPLOMA IN CARDIOLOGY TECHNICIAN COURSE (TWO YEARS COURSE)

Syllabus for First Year

Paper-I	<u>BASIC HUMAN SCIENCES</u> A) Basics of Anatomy B) Basics of Physiology C) Basics of Bio-chemistry D) Basics of Bio-statistics
Paper-II	<u>PHYSICAL SCIENCES</u> A) Basics of Pathology B) Basics of Blood Banking C) Basics of Microbiology D) Basics of Central sterilization.
Paper-III	A) Hospital awareness, B) Familiarization of different tables/tubes in surgical dept. Surgical Awareness, Preparation of patient for surgery. C) Patient related services. D) Communication & Computer Skills, Audio And Visual Aids

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Paper-I	<p>A) Clinical Cardiology, Congestive heart diseases, Physical set up of Cardiology and OPD Lab Procedures</p> <p>B) Cardiac arrest, Heart Failure.</p> <p>C) Myocarditis, Peripheral vascular diseases. Shock.</p> <p>D) Prevention & treatment of heart disease</p>
Paper-II	<p>A) Hypothermia, Pharmacology, Classification, signs and symptoms, causes, management</p> <p>B) External Pacemaker, ECG Reading of normal & abnormal ECG. Cardio Vascular System.</p> <p>C) Introduction to cardiac catheterization</p> <p>D) Cardio pulmonary resuscitation (CPR), Cardiac Profile Tests</p>
Paper-III	<p>A) Introduction of ICU, and its structure, Furniture. Utensils used,</p> <p>B) Oxygen application</p> <p>C) Emergency disaster & death, Mobile ICU Medico legal aspect.</p> <p>D) Instrumentation Study, Instrument Measurement & Critical Care Equipment.</p>