

KHYBER PAKHTUNKHWA MIDICAL FACULTY PESHAWAR

CURRICULUM

2nd, 3rd, & 4th Semester

DIPLOMA COURSE

CARDIC TECHNOLOGY

The logo of the K.P.K. Medical Faculty Peshawar is a circular emblem. It features a central figure holding a staff with a snake, a symbol of medicine. Above the figure is a crescent moon and a star. The text 'K.P.K. MEDICAL FACULTY' is written in a semi-circle above the figure, and 'PESHAWAR' is written in a semi-circle below it. The entire emblem is surrounded by a decorative border.

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2nd Semester

Paper “A”

Paper A Cardiac Anatomy

Heart Introduction, Position

- Anatomy of Heart
 - Blood Supply of Heart, Coronary arteries
 - Systemic Circulation
 - Pulmonary Circulation
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Paper “B”

Paper B Cardiac Physiology

- Action Potential
- Cardiac Cycle
- Conduction System
- S.A Node
- A.V Node
- Purkinje System
- Introduction to
 - Normal E.C.G
 - Normal Leads
 - Abnormal E.C.G

3rd Semester

Paper “A”

Paper A Cardiac Pathology –I

- Rheumatic Fever
- Angina
- Cardiogenic Shock
- Valvular Heart Disease
 - Mitral Stenosis (M.S)
 - Mitral Regurgitation (M.R)
 - Aortic Stenosis (A.S)
 - Aortic Regurgitation (A.R)
- Acute Myocardial Infarction (A.M.I)

Paper “B”

Paper B Cardiac Pharmacology

- Cardiac Pharmacology
 - Vasodilators
 - Beta Blockers
 - ACE Inhibitors
 - Diuretics
 - Cardiac Glycosides
 - Anti-angina Nitrates
 - Inotropic
 - Anti Coagulants
 - Anti Arrhythmic Agents

4th Semester

Paper “A”

Cardiac Pathology –II

- Cardiomyopathy
 - CCF
 - Hypertension
 - Pericardial Effusion
 - Echocardiography
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Paper “B”

Applied Cardiology

- Congenital Heart Disease
- V.S.D
- A.S.D
- P.D.A
- Coaractation of Aorta
- T.O.F
- T.G.A