

**Clinical Specialty – II**

**Medical Surgical Nursing**

**Sub Specialty: Cardio Vascular & Thoracic Nursing**

**Time : 3 hrs**

**Max marks : 100**

- Answer all questions

**Essays (4x20=80)**

1. Explain the etiology and pathophysiology of rheumatic heart disease. Enumerate the indications for mitral valve replacement. Prepare a health education plan for a patient undergone mitral value replacement (3+6+4+7=20)
2. Explain the etiology, risk factors and pathophysiology of myocardial infarction (4+8+8=20)
3. Explain the quality assurance in the cardiac surgical ICU. Explain the nurses role in prevention and control of infection in a cardiac surgery ICU (10+10=20)
4. Explain the pathophysiology, clinical manifestations and medical management of chronic bronchitis. Prepare a nursing care plan based on nursing process for a patient admitted with acute exacerbation of bronchitis. (3+4+5+8=20)

**Short notes (4x5=20)**

5. ICU psychosis.
6. ACE inhibitors and beta blockers
7. Normal electrical conduction system of heart
8. Echocardiography.

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