

**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 pathophysiology and clinical manifestations of cor-pulmonale. Describe the medical and nursing management of a patient with cor-pulmonale. (4+5+4+7=20)
2. Describe the embryological development of the heart. Differentiate between cyanotic and acyanotic heart disease. Explain the pathophysiology and management of tetralogy of fallot (6+4+4+6=20)
3. Describe the indications for cardiac catheterization. Explain the nursing care of a patient before and after cardiac catheterization. (6+6+8=20)
4. Discuss the clinical manifestations and diagnostic investigations for infective endocarditis. Explain the medical and nursing management of a patient with infective endocarditis. (4+4+6+6=20)

**Short notes**

**(4x5=20)**

5. Coronary circulation.
6. Steps in cardio pulmonary resuscitation (CPR).
7. Cardiomyopathy
8. PEEP therapy.

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