

Second Year M.Sc Nursing Degree Supplementary Examinations – April 2015

**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. Discuss the pathophysiology, complications and the drug therapy for primary hypertension. Explain the causes for lack of responsiveness to drug therapy in a patient with hypertension. (5+4+5+6=20)
2. Define shock. Explain the pathophysiology of cardiogenic shock. Describe the medical and nursing management of a patient with cardiogenic shock (2+6+5+7=20)
3. Enumerate the indications for coronary artery bypass graft surgery. Describe the different surgical procedures for CABG surgery. Explain the post operative complications and its management. (4+6+10=20)
4. Discuss the etiology, pathophysiology and the clinical manifestations of acute respiratory failure. Prepare a nursing care plan based on nursing process for a patient admitted with acute respiratory failure who is on mechanical ventilator. (4+5+4+7=20)

**Short notes**

**(4x5=20)**

5. Coronary circulation
6. Tetralogy of fallot
7. Raynaud's phenomenon
8. Arterial blood gas analysis

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