

MARCH 2010

[KW 426]

Sub. Code: 2332

M.Sc (Nursing) DEGREE EXAMINATION

Second Year

(Regulations for candidates admitted from 2008-2009 Session onwards)

Paper III – CLINICAL SPECIALITY II

BRANCH – I MEDICAL SURGICAL NURSING

01 – CARDIO VASCULAR AND THORACIC NURSING

Q.P. Code : 302332

Time : Three hours

Maximum : 75 marks

Answer All questions.

I. Essays: (2 x 20=40)

1. a) Illustrate common form of congenital heart diseases and the management. **(10)**
b) Detail on collaborative management of valvular heart diseases. **(10)**
2. a) Explain the different types of aneurysms. **(10)**
b) Draw a nursing care plan of a patient following aortic aneurysm repair. **(10)**

II. Write Short Notes on : (7 x 5 = 35)

1. Health education of patient with permanent pacemaker.
2. Various methods of oxygen administration and nursing consideration.
3. Nursing care of patient with intercostal drainage.
4. Pulmonary rehabilitation.
5. Mobile coronary care unit.
6. Post operative nursing care after coronary artery bypass graft.
7. Post resuscitation care.

SEPTEMBER 2010

[KX 426]

Sub. Code: 2332

M.Sc (Nursing) DEGREE EXAMINATION

Second Year

(Regulations for candidates admitted from 2008-2009 Session onwards)

Paper III – CLINICAL SPECIALITY II

BRANCH – I MEDICAL SURGICAL NURSING

01 – CARDIO VASCULAR AND THORACIC NURSING

Q.P. Code : 302332

Time : Three hours

Maximum : 75 marks

Answer All questions.

I. Essays:

(2 x 20=40)

1. a) Elaborate on haemodynamic alterations in Tetralogy of Fallot's.
b) Formulate five priority nursing diagnoses for the first 48 hours following coronary artery bypass grafting.
2. a) Illustrate on various types of cardio myopathies.
b) Enlist the indications and contraindications of cardiac transplantation.
c) Explain the respiratory and cardiac complications and the preventive measures following open heart surgery.

II. Write Short Notes on :

(7 x 5 = 35)

1. Drugs used in advanced cardiac life support.
2. Cardiac rehabilitation.
3. Nursing care of patient after right pneumonectomy.
4. Hemodynamic monitoring.
5. Recent advancement in cardio thoracic surgeries.
6. Nurse's role in management of Intensive cardiac care unit.
7. Complementary / Alternative therapies.

MAY 2011

[KY 426]

Sub. Code: 2332

M.Sc (Nursing) DEGREE EXAMINATION

Second Year

(Regulations for candidates admitted from 2008-2009 Session onwards)

Paper III – CLINICAL SPECIALITY II

BRANCH – I MEDICAL SURGICAL NURSING

01 – CARDIO VASCULAR AND THORACIC NURSING

Q.P. Code : 302332

Time : Three hours

Maximum : 100 marks

Answer All questions.

I. Essays:

(2 x 20 = 40)

1. Mr. X, aged 65 years is admitted with complaints of Orthopnea and Pedal oedema in ICCU and is diagnosed to have Cardiomyopathy.
 - a) Differentiate the types of Cardiomyopathy.
 - b) Discuss the diagnostic investigation to find out Cardiomyopathy.
 - c) Draw a nursing care plan to provide care for Mr. X, when he is subjected to heart transplantation.
2.
 - a) Explain the pathophysiology of Adult Respiratory Distress Syndrome.
 - b) Describe the alternative modes of ventilation.
 - c) Elaborate the nursing management of a client on mechanical ventilation.

II. Write Short Notes on :

(10 x 6 = 60)

1. Defibrillation.
2. Collaborative management of pulmonary Embolism.
3. Percutaneous coronary intervention.
4. Congenital cyanotic heart disease.
5. Nursing management of patient with thoracic surgery.
6. Pathophysiology of congestive cardiac failure.
7. Nurses role in the management of intensive coronary care unit or intensive cardio thoracic unit.
8. Pleural drainage.
9. Mechanical ventilator.
10. Bronchodilators.

October 2011

[KZ 426]

Sub. Code: 2332

M.Sc (Nursing) DEGREE EXAMINATION

SECOND YEAR

(Regulations for candidates admitted from 2008-2009 Session onwards)

Paper III – CLINICAL SPECIALITY I

BRANCH – I MEDICAL SURGICAL NURSING

01 – CARDIO VASCULAR AND THORACIC NURSING

Q.P. Code : 302332

**Time : 3 hours
(180 Min)**

Maximum : 100 marks

Answer ALL questions in the same order.

I. Elaborate on :

**Pages Time Marks
(Max.) (Max.) (Max.)**

- | | | | |
|---|----|----|----|
| 1. Mrs. Kamal, a 60 years old is admitted in ICU with diagnosis of Mitral Valve Prolapse. | | | |
| a) Write the pathophysiology, clinical manifestations and diagnostic evaluation with rationale. | | | |
| b) Describe valvular heart disease leading to development of right ventricular failure. | 15 | 40 | 20 |
| c) Explain the surgical management for advanced stages of mitral valve prolapse with post-operative care. | | | |
| 2. Mr. Rajan, a 65 years old man was admitted with a diagnosis of Chronic Obstructive Pulmonary Disease. | | | |
| a) Define Chronic obstructive pulmonary disease and discuss ineffective airway clearance. | | | |
| b) Explain the pathophysiology and complications of chronic obstructive pulmonary disease. | 15 | 40 | 20 |
| c) Plan nursing care on four priority health care problems using nursing process approach. | | | |

II. Write notes on :

- | | | | |
|--|---|----|---|
| 1. ECG changes associated with acute coronary syndrome with diagram. | 3 | 10 | 6 |
| 2. Pace-maker. | 3 | 10 | 6 |
| 3. Pulmonary function studies. | 3 | 10 | 6 |
| 4. Flail chest. | 3 | 10 | 6 |
| 5. Tetralogy of Fallot. | 3 | 10 | 6 |
| 6. Cardio pulmonary resuscitation. | 3 | 10 | 6 |
| 7. Normal ABC values and management of respiratory Alkalosis. | 3 | 10 | 6 |
| 8. Arrhythmias Caused by electrolyte imbalance. | 3 | 10 | 6 |
| 9. Functional changes in myocardial infarction. | 3 | 10 | 6 |
| 10. Types and management of Aortic Aneurysm. | 3 | 10 | 6 |

[LA 426]

APRIL 2012

Sub. Code: 2332

**M.Sc (Nursing) DEGREE EXAMINATION
SECOND YEAR**

(Regulations for candidates admitted from 2008-2009 Session onwards)

**PAPER III – CLINICAL SPECIALITY II
BRANCH – I MEDICAL SURGICAL NURSING
01 – CARDIO VASCULAR AND THORACIC NURSING
Q.P. Code : 302332**

**Time : 3 hours
(180 Min)**

Maximum : 100 marks

Answer ALL questions in the same order.

I. Elaborate on :

**Pages Time Marks
(Max.) (Max.) (Max.)**

- | | | | |
|--|----|----|----|
| 1. a) List out the causes of Endocarditis.
b) Mention the risk factors for Infective Endocarditis.
c) Explain the management of Infective Endocarditis
in detail including its preventive measures. | 17 | 40 | 20 |
| 2. a) What is Aneurysm? What are the etiological
classification of Arterial Aneurysm?
b) How will you provide Quality care for the first
48 hours after repairing an Abdominal Aortic Aneurysm. | 17 | 40 | 20 |

II. Write notes on :

- | | | | |
|---|---|----|---|
| 1. Cardiac cycle. | 4 | 10 | 6 |
| 2. Mechanical ventilation. | 4 | 10 | 6 |
| 3. Arterial blood gas analysis. | 4 | 10 | 6 |
| 4. CPR. | 4 | 10 | 6 |
| 5. Nursing Audit. | 4 | 10 | 6 |
| 6. Angiogram. | 4 | 10 | 6 |
| 7. Cardiac rehabilitation. | 4 | 10 | 6 |
| 8. Pulmonary Function Test. | 4 | 10 | 6 |
| 9. ECG changes associated with acute coronary syndrome
with diagram. | 4 | 10 | 6 |
| 10. Heart transplantation. | 4 | 10 | 6 |
