

**POST BASIC BACHELOR OF SCIENCE (NURSING)**  
**F. Y. P. B. B. Sc. (Nursing) :SUMMER : 2023**  
**SUBJECT : MEDICAL SURGICAL NURSING**

Day : Monday  
Date : 10/7/2023

**S-5663-2023**

Time : 10:00 AM-01:00 PM  
Max. Marks : 75

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**N.B. :**

- 1) All questions are **COMPULSORY**.
  - 2) Figures to the right indicate **FULL** marks.
  - 3) Answer to both the sections should be written in **SEPARATE** answer books.
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**SECTION – I**

**Q.1** Write short answers on any **FIVE** of the following: **(10)**

- a) Primary lab. test to diagnose Acute Pancreatitis.
- b) Epilepsy
- c) Shock
- d) Spirometry
- e) ARF
- f) Gastrointestinal Bleeding. (G. I. Bleeding)
- g) Old age related illness

**Q.2** Write short notes on any **FOUR** of the following: **(16)**

- a) Principles of intensive care unit
- b) Pathophysiology of cirrhosis of liver
- c) Renal transplant
- d) Emphysema
- e) Encephalopathy
- f) Function of Nurse in the outpatient department

**Q.3** Long answer on any **ONE** of the following : **(12)**

Mrs. Abdul, a 50-year-old man admitted to the intensive care unit with the diagnosis of congestive heart failure.

- i) Define congestive heart failure. **(02)**
- ii) Explain pathophysiology of congestive cardiac failure. **(04)**
- iii) Write in detail about nursing management for MR. Abdul **(06)**

**OR**

- i) Define Diabetic Mellitus. **(02)**
- ii) Enlist the types of Diabetic Mellitus. **(04)**
- iii) Explain medical and nursing management of Diabetic Mellitus. **(06)**

**SECTION – II**

**Q.4** Write short answers on any **FIVE** of the following: **(10)**

- a) Signs & symptoms of Bursitis.
- b) Risk factors & etiology of CSOM.
- c) Role of Nurse in Prevention of Cancer.
- d) Clinical Manifestations of fluid and Electrolyte Imbalance.
- e) Enlist the disorders of Menstruation.
- f) Transmission of HIV/AIDS infection.
- g) Care of patient after tonsillectomy.

**P.T.O.**

**Q.5** Write short notes on any **FOUR** of the following: **(16)**

- a) Role of a nurse in organophosphorus poisoning(OPP).
- b) Classification of Cataract.
- c) Brief the cardiac emergencies.
- d) Etiology of Tuberculosis.
- e) Clinical Manifestations of Hypovolemic shock.
- f) Counseling of blood donar.

**Q.6** Long answer on any **ONE** of the following : **(11)**

- i) Define Burn. **(02)**
- ii) Write down the classification of Burns. **(04)**
- iii) Describe pathophysiology of Burns. **(05)**

**OR**

- i) Define deviated Nasal septum. **(02)**
- ii) Enlist etiology and clinical Manifestations of DNS. **(04)**
- iii) Write down Nursing, Medical & Surgical Management of a client admitted with DNS. **(05)**

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100723-m-con-pune

**POST BASIC BACHELOR OF SCIENCE (NURSING)**  
**F. Y. P. B. B. Sc. (Nursing) :SUMMER- 2022**  
**SUBJECT : MEDICAL SURGICAL NURSING**

Day : Wednesday  
Date : 8/6/2022

**S-5663-2022**

Time : 10:00 AM-01:00 PM  
Max. Marks : 75

**N. B. :**

- 1) All questions are **COMPULSORY**.
- 2) Figures to the right indicate **FULL** marks.
- 3) Answers to both the sections should be written in **SEPARATE** answer books.

**SECTION - I**

**Q. 1** Write short answers on **ANY FIVE** of the following **(5 × 2 = 10)**

- a) Headache
- b) Empyema
- c) Nephritis
- d) Hepatic Coma
- e) Retinopathy
- f) Diabetes Insipidns
- g) Hernia

**Q. 2** Write short notes on **ANY FOUR** of the following **(4 × 4 = 16)**

- a) Portal hypertension
- b) CVA
- c) Terminal illness
- d) Renal calculus
- e) Hemorrhoids
- f) Function of Nurse in OPD

**Q. 3** Write long questions on **ANY ONE** of the following **(1 × 12 = 12)**

- a) Define IHD. **(02)**
- b) Describe pathophysiology of IHD. **(04)**
- c) Write management of CCF. **(06)**

**OR**

- a) Define Asthma. **(02)**
- b) Explain pathophysiology of Asthma. **(04)**
- c) Write medical and nursing management during asthmatic attack. **(06)**

**P. T. O.**

**SECTION – II**

**Q. 4** Write short answers on **ANY FIVE** of the following **(5 × 2 = 10)**

- a) List down the prosthesis used in orthopedic patients.
- b) Enlist the female reproductive problems associated with climacteric changes.
- c) During radiotherapy brief the role of a nurse.
- d) Care of patient with Tracheostomy.
- e) How to manage adverse transfusion reactions.
- f) First aid management for a client with epileptic episode.
- g) List down the signs and symptoms of a client with adrenal crisis.

**Q. 5** Write short notes on **ANY FOUR** of the following **(4 × 4 = 16)**

- a) Difference between benign and malignant Tumors
- b) Clinical manifestations and etiology of Glaucoma
- c) Types of splints and Traction used for orthopedic patients
- d) Bone Marrow Transplantation
- e) Refractory Errors
- f) Case of patient with poisoning

**Q. 6** Write long questions on **ANY ONE** of the following **(1 × 11 = 11)**

- a) Define Tonsillitis. **(02)**
- b) List down the causes and clinical manifestations of a client with tonsillitis. **(04)**
- c) Explain nursing management and surgical management of a client with Tonsillectomy. **(05)**

**OR**

- a) Define Osteomalacia. **(02)**
- b) List down etiological factors, Risk factors and clinical manifestations of a client admitted with osteomalacia. **(04)**
- c) Describe surgical and nursing management for a client with osteomalacia. **(05)**

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**F. Y. P.B. B. SC. (NURSING) : SUMMER – 2021**  
**SUBJECT : MEDICAL SURGICAL NURSING**

Day : **Friday**  
Date : **11-06-2021**

Time : **10:00AM-TO1:00P.M.**  
Max. Marks : 75

**S.2021-5663**

**N. B. :**

- 1) All questions are **COMPULSORY**.
- 2) Figures to the right indicate **FULL** marks.
- 3) Answers to both the sections should be written in **SEPARATE** answer books.

**SECTION – I**

**Q. 1** Write short answers on **ANY FIVE** of the following **(5 × 2 = 10)**

- a) Cardiac Tamponade
- b) Pneumonia
- c) CRF
- d) Diabetic Nephropathy
- e) Dyspnea
- f) Hepatitis
- g) BPH

**Q. 2** Write short notes on **ANY FOUR** of the following **(4 × 4 = 16)**

- a) C.V.P. Monitoring
- b) Renal Calculi
- c) Spinal Cord Herniation
- d) Cardiac Arrest
- e) Fluid and electrolyte Imbalance
- f) Pulmonary Embolism

**Q. 3** Write long questions on **ANY ONE** of the following **(1 × 12 = 12)**

- a) Define Intestinal obstruction. **(02)**
- b) Classify and list the causes of intestinal obstruction. **(04)**
- c) Write the pre and post-operative nursing management of intestinal obstruction. **(06)**

**OR**

- a) What are the types of Head Injury? **(02)**
- b) What are the etiological factors of Head Injury? **(04)**
- c) Discuss the nursing management of severe brain Injury. **(06)**

**P. T. O.**

**SECTION – II**

**Q. 4** Write short answers on **ANY FIVE** of the following **(5 × 2 = 10)**

- a) TNM Classification.
- b) Nurses responsibility before, during and after blood transfusion.
- c) Types of fractures.
- d) Complications of suppurative otitis media.
- e) Types of Burns.
- f) Drugs used in DOT's Therapy.
- g) Enlist the Neoplasms.

**Q. 5** Write short notes on **ANY FOUR** of the following **(4 × 4 = 16)**

- a) Psoriasis
- b) Care of patient with total knee replacement
- c) Types of Shock
- d) Discuss the pathophysiology of Tuberculosis
- e) Thyroid Storm
- f) First Aid Management for Snake Bite

**Q. 6** Write long questions on **ANY ONE** of the following **(1 × 11 = 11)**

- a) Define AIDS. **(02)**
- b) List down the etiological and risk factors of HIV AIDS. **(04)**
- c) Write down medical management of a patient admitted with the diagnosis HIV AIDS. **(05)**

**OR**

- a) Mr. Arun 65 years old diagnosed as cataract. Define Cataract. **(02)**
- b) Enlist the classification of Cataract. **(04)**
- c) Describe the nursing and surgical management of the client with cataract. **(05)**

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F. Y. P.B. B. SC. (NURSING) : SUMMER – 2020  
SUBJECT : MEDICAL SURGICAL NURSING

Day : Tuesday  
Date : 01-12-2020

Time : 9:00AM TO 12:00NOON.  
Max. Marks : 75

S-2020-5663

N. B. :

- 1) All questions are **COMPULSORY**.
- 2) Figures to the right indicate **FULL** marks.
- 3) Answers to both the sections should be written in **SEPARATE** answer books.

**SECTION – I**

**Q. 1** Write short answers on **ANY FIVE** of the following (5 × 2 = 10)

- a) Pain
- b) Endocarditis
- c) Pleural effusion
- d) Incontinence
- e) Dialysis
- f) Gigantism
- g) Aneurysm

**Q. 2** Write short notes on **ANY FOUR** of the following (4 × 4 = 16)

- a) Principles of ICU
- b) Management of Pulmonary embolism
- c) Hypertension
- d) Atelectasis
- e) Shock
- f) UTI

**Q. 3** Write long questions on **ANY ONE** of the following (1 × 12 = 12)

- a) Define peptic ulcer. (02)
- b) Describe Pathophysiology of peptic ulcer. (04)
- c) Explain management for peptic ulcer. (06)

**OR**

- a) Define stroke. (02)
- b) Enlist the types and causes of stroke. (04)
- c) Explain nursing management of stroke. (06)

**P. T. O.**

**SECTION - II**

- Q. 4** Write short answers on **ANY FIVE** of the following **(5 × 2 = 10)**
- a) List down the menstrual disorders.
  - b) Medical management of a client with hypertensive crisis.
  - c) Types of Glaucoma.
  - d) Universal precautions to prevent transmission of HIV Infection.
  - e) Care of patient with organo phosphorus poisoning.
  - f) Drugs used in chemotherapy for cancer patient.
  - g) Types of Anemia.

- Q. 5** Write short notes on **ANY FOUR** of the following **(4 × 4 = 16)**
- a) Difference between ASOM and ESOM
  - b) Prolapsed Intervertebral Disc
  - c) Infections of the genital tract
  - d) Role of a nurse in treatment of cancer patients
  - e) List down the reconstructive surgeries done in Burn Injury
  - f) Drugs used in treating patient with Tuberculosis

- Q. 6** Write long questions on **ANY ONE** of the following **(1 × 11 = 11)**
- a) Define Burn Injury. **(02)**
  - b) List down the methods of determine percentage of Bum Injury. **(04)**
  - c) Explain medical and nursing management of a patient with 60 % burn injury. **(05)**

**OR**

- a) Define Purpura. **(02)**
- b) Enlist the etiology and clinical manifestations of Purpura. **(04)**
- c) Describe medical and nursing management of a patient admitted with Purpura. **(05)**

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**F. Y. P. B. B. SC. (NURSING) : SUMMER - 2019**  
**SUBJECT: MEDICAL SURGICAL NURSING**

Day: Monday  
Date: 15/04/2019

S-2019-4356

Time: 10.00 A.M. TO 01.00 P.M.  
Max Marks. 75

**N.B.**

- 1) All questions are **COMPULSORY**.
- 2) Figures to the right indicate **FULL** marks.
- 3) Answers to both sections should be **SEPARATE** answer books.

**SECTION - I**

**Q.1** Write short answers on any **FIVE** of the following **(5×2 = 10)**

- a) Cataract
- b) Congestive heart failure
- c) Pleural effusion
- d) Aneurysm
- e) Acute respiratory distress syndrome
- f) Otitis media
- g) Defibrillation

**Q.2** Write short notes on any **FOUR** of the following **(4×4 = 16)**

- a) Complication of diabetes mellitus
- b) Stages of wound healing
- c) Tracheostomy and its care
- d) Diagnostic measures in pulmonary tuberculosis
- e) Thrombolytic therapy
- f) Care of patient with COPD

**Q.3** Write Long questions on any **ONE** of the following **(1×12)**

- a) Define Glaucoma **(02)**
- b) List the types of Glaucoma explain. **(05)**
- c) List the surgical approaches and long term management of a client with glaucoma **(05)**

**OR**

Mr. Anand, a 65 year old man is admitted to the urology ward with a diagnosis of benign prostatic hyperplasia.

- a) Definition of benign prostatic hypertrophy. **(02)**
- b) What are the clinical manifestations of BPH? **(05)**
- c) Discuss the pre & post nursing management of Mr. Anand. **(05)**

**P.T.O.**

**SECTION - II**

**Q.4** Write short answers on any **FIVE** of the following **(5×2 = 10)**

- a) Define Pancreatitis
- b) Write causes of HIV/AIDS.
- c) List down age related illness.
- d) Universal precautions followed to prevent infection.
- e) Write adverse effects of mismatch blood transfusion.
- f) Define portal hypertension.
- g) Diet therapy in peptic ulcer

**Q.5** Write short notes on any **FOUR** of the following **(4×4 = 16)**

- a) Non pharmacological of pain.
- b) Disorder of menstruation.
- c) Function of a nurse in outpatient department.
- d) Pre - operative care of the patient posted for abdomen surgery.
- e) Explain the bio safety and waste management during blood transfusion.
- f) Seven working signals of cancer.

**Q.6** Write Long questions on any **ONE** of the following **(1×11)**

- a) Long shock. **(02)**
- b) Write down the types of shock. **(04)**
- c) Write down the nursing management of patient with priority needs. **(05)**

**OR**

- a) Define neoplasm **(02)**
- b) Write the pathophysiology of the malignant process. **(04)**
- c) Write the nursing management of patient with two priority needs. **(05)**

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Day: **Monday**  
Date: **16/04/2018**

S-2018-3889

Time: -  
Max Marks. 15

**N.B.**

- 1) All questions are **COMPULSORY**.
- 2) Put a tick mark in the appropriate box.
- 3) Use blue / black ball point pen only.
- 4) Section – I should be completed in **20** minutes.
- 5) Each questions carries **1** mark.
- 6) Students will not be allotted any mark if he /she over writes strikes or puts ink on the box once marked.

**SECTION - I**

**Q.1 MCQ**

**(15)**

- 1) Which of the following types of seizure is most common?
 

a) Partial seizers	<input type="checkbox"/>
b) Tonic – clonic	<input type="checkbox"/>
c) Atonic	<input type="checkbox"/>
d) Absence	<input type="checkbox"/>
  
- 2) Which of the following blood tests for iso enzyme activity indicates cardiac damage?
 

a) CK – MM	<input type="checkbox"/>
b) CK – MB	<input type="checkbox"/>
c) CK – BB	<input type="checkbox"/>
d) LDH <sub>3</sub>	<input type="checkbox"/>
  
- 3) The most common early manifestation of chronic bronchitis is?
 

a) A daily productive cough	<input type="checkbox"/>
b) Dyspnea	<input type="checkbox"/>
c) Cyanosis	<input type="checkbox"/>
d) Right ventricular failure	<input type="checkbox"/>
  
- 4) The technique or removal of calculi using laser together with a ureteroscope is?
 

a) Laser lithotripsy	<input type="checkbox"/>
b) Extracorporeal shock wave lithotripsy	<input type="checkbox"/>
c) Percutaneous lithotripsy	<input type="checkbox"/>
d) Laser ureteroscopy	<input type="checkbox"/>
  
- 5) Enteral feeds can be delivered in to the?
 

a) Stomach only	<input type="checkbox"/>
b) Small intestine	<input type="checkbox"/>
c) Stomach and small intestine	<input type="checkbox"/>
d) Anywhere in the gastrointestinal tract	<input type="checkbox"/>

**P.T.O.**

- 6) The most common cause of primary adrenal insufficiency (Addison's disease) is destruction of the adrenal gland by?
- a) Infection
  - b) Ischemia
  - c) Autoimmune process
  - d) Metastatic invasion by tumor
- 7) The most important electrolyte of the intracellular fluid is?
- a)  $\text{Na}^+$
  - b)  $\text{Cl}^-$
  - c)  $\text{Ca}^{++}$
  - d)  $\text{K}^+$
- 8) The compression ventilation ratio during CPR with one rescuer is?
- a) 5:1
  - b) 15:1
  - c) 15:2
  - d) 30:2
- 9) Diabetes mellitus is a
- a) Endocrine disorder
  - b) Metabolic disorder
  - c) Cranial disorder
  - d) GI disorder
- 10) Following disease are caused due to deficiency of thyroid hormone EXCEPT
- a) Myxedema
  - b) Cretinism
  - c) Hypothyroidism
  - d) Graves disease
- 11) HIV infection can not be transmitted by
- a) Transfusion of RBC
  - b) Needle stick injury
  - c) Transfusion of fresh frozen plasma
  - d) Mosquito bite
- 12) MTP is done only up to ----- of gestation
- a) 3 months
  - b) 5 months
  - c) 6 months
  - d) None of the above

- 13) Fracture is -----
- a) Ligament injury
  - b) A break in continuity of bone
  - c) Tendon break
  - d) None of the above

- 14) The risk of osteoporosis is increased in -----
- a) Post menopausal women
  - b) Children
  - c) Adolescents
  - d) Alcoholics

- 15) The vaginal pap smear is taken for diagnosis of
- a) Ca. uterus
  - b) Ca. vaginal
  - c) Ca cervix
  - d) None of these

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**F. Y. P. B. B. SC. (NURSING) : SUMMER - 2018**  
**SUBJECT: MEDICAL SURGICAL NURSING**

Day: **Monday**  
Date: **16/04/2018**

Time: **10.00 AM TO 01.00 PM**  
Max Marks. 60

**S-2018-3889**

**N.B.**

- 1) All questions are **COMPULSORY**.
- 2) Write the section – **II** and Section – **III** on **SEPARATE** answer sheet.

**SECTION - II**

- Q.2** Write short notes on any **FOUR** of the following (4 x 4) (16)
- a) Water seal drainage
  - b) Hypertensive crisis
  - c) Principles of intensive care unit
  - d) Care of unconscious patient
  - e) Peptic ulcer
  - f) Benign prostatic hypertrophy
- Q.3** Long questions attempt (**Any ONE**) (2+5+7) (14)
- a) Define asthma
  - b) Describe the pathophysiology of bronchial asthma
  - c) Discuss the nursing intervention during acute asthmatic attack
- OR**
- a) Define intestinal obstruction (2+5+7)
  - b) Classify and list the causes of intestinal obstruction
  - c) Write the pre and post operative nursing management by applying nursing process.

**SECTION - III**

- Q.4** Write short notes on any **FOUR** of the following (4 x 4) (16)
- a) List down the purposes of traction
  - b) Thyrotoxicosis
  - c) Nursing care of patient with chemotherapy
  - d) Prevention of sexually transmitted diseases
  - e) Insulin therapy
  - f) Role of nurse in counseling of patient with HIV/ AIDS
- Q.5** Long questions attempt (**Any ONE**) (2+5+7) (14)
- a) Define burn injury
  - b) Write the classification of burn
  - c) Write the nursing management of burn injury in acute phase
- OR**
- a) Define cataract (2+5+7)
  - b) Write the etio – pathophysiology of cataract
  - c) Describe the nursing management of cataract patient including health teaching.

(22)

**RAJMACH-I: Oct/Nov-2011**  
**SUBJECT: MEDICAL SURGICAL NURSING**

Day: Monday  
Date: 10-10-2011

Time: 20 Minutes  
Max. Marks: 15

**N.B:**

- 1) All questions are **COMPULSORY**.
- 2) Put a ✓ in the appropriate box.
- 3) Use **BLUE/BLACK** pen only.
- 4) Section one should be completed in **20** minutes.
- 5) Each question carries **ONE** mark.
- 6) Students will be allotted marks if he/ she overwrite strikes or puts white ink on the cross once marked.

Seat No: \_\_\_\_\_  
Jr. Signature \_\_\_\_\_

Total Marks Obtained \_\_\_\_\_  
Examiners Signature \_\_\_\_\_

**SECTION-I**

**Q.1 M. C. Qs:**

- 1) The major cause of post transfusion hepatitis is:
  - a) Hepatitis D
  - b) Hepatitis B
  - c) Hepatitis C
  - d) Hepatitis A
  
- 2) For a plain X- ray Abdomen the patient requires:
  - a) Nothing by mouth for 8 hours
  - b) A Soap and water enema
  - c) No special preparation
  - d) A laxative enema before X- ray
  
- 3) Dugs used for controlling (Gastrointestinal) bleeding is:
  - a) Vasopressin
  - b) Neostigmin
  - c) Propanthene
  - d) Menadione
  
- 4) Maximum volume of air exhaled from the point of maximum inspiration is:
  - a) Inspiratory capacity
  - b) Tidal volume
  - c) Vital Capacity
  - d) Functional residual capacity

**P.T.O.**

- 5) Mean blood pressure is:
- a) Systolic pressure - Diastolic pressure / 2
  - b) Systolic pressure + Diastolic pressure / 2
  - c) Systolic pressure - Diastolic pressure
  - d) Systolic pressure - Diastolic pressure X 2

  
  
  

- 6) Duration of each cardiac is :
- a) 8 Seconds
  - b) 0.4 Seconds
  - c) 0.6 Seconds
  - d) 0.8 seconds

  
  
  

- 7) Chronic obstructive pulmonary disease is:
- a) Pneumonia
  - b) Pulmonary Tuberculosis
  - c) Bronchial Asthma
  - d) Bronchiectasis

  
  
  

Q.8 Blood transfusion is indicated in:

- a) Hypovolemic shock
- b) Heart failure
- c) Severe anemia
- d) Thrombocytopenia

  
  
  

9) Blepharitis is the inflammation of \_\_\_\_\_

- a) Cornea
- b) Conjunctiva
- c) Eye lids
- d) Retina

  
  
  

10) Epistaxis is commonly called as \_\_\_\_\_

- a) hypertensive Bleed
- b) Nostril bleed
- c) Septal Bleed
- d) Nose Bleed



- 11) Which of the following term is used for Violin like sounds heard on chest auscultation?
- a) Crackles
  - b) Wheezes
  - c) Friction rub
  - d) Strider
- 12) The medical term for low white blood cell count is:
- a) Thrombocytopenia
  - b) Anemia
  - c) Leucopenia
  - d) Cytopenia
- 13) Which one of the following indicates where the receptor for hearing and Equilibrium:
- a) Eardrum
  - b) Middle ear
  - c) Inner ear
  - d) External ear
- 14) Which one of the following may be the Earliest indicator of hemorrhage or Shock that should be reported?
- a) Tachycardia
  - b) Bradycardia
  - c) ST Segment Elevation
  - d) T wave
- 15) A run of three or more Premature ventricular contractions(PVC's) is known as \_\_\_\_\_
- a) Bigeminy
  - b) Trigeminy
  - c) Quadrigeminy
  - d) Ventricular Tachycardia

RAJMACH-I: Oct/Nov-2011  
SUBJECT: MEDICAL SURGICAL NURSING

Day: Monday  
Date: 10-10-2011

Time: 9:00AM TO 12:00 NOON  
Max. Marks: 60

N.B:

- 1) All questions are **COMPULSORY**.
- 2) Figures to the right indicate **FULL** marks.
- 3) Draw diagrams **WHEREVER** necessary.
- 4) Answer to both the sections should be written in the **SEPARATE** answer books.

SECTION-II

Q.2 Answer ANY FOUR of the following: (20)

- a) Diet in hypertension.
- b) Thyroid Crisis.
- c) Types of operations done in B.P.H.
- d) DOTS therapy.
- e) Pre and Post operative care of patient with cataract.
- f) Cardiomyopathy.

Q.3 a) Define Burn? (02)  
b) Explain the types of burn injury. (04)  
c) Nursing management of burn. (04)

OR

- a) Define Anemia? (02)
- b) Enlist the classification of Anemia. (04)
- c) Write down medical and nursing management of a client with Anemia. (04)

SECTION-III

Q.4 Answer the following: (15)

- a) Diabetes Insipidus.
- b) Arthritis.
- c) Chemotherapy.

Q.5 a) Define CVA? (02)  
b) Causes and Risk factors of CVA. (06)  
c) Write detail in nursing management of a client with diagnosis of CVA. (07)

OR

- a) Define fracture? (02)
- b) Explain the causes and types of fracture. (06)
- c) Write Pre and Post operative nursing management of patient with diagnosis of fracture. (07)

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Day: Monday  
Date: 16-04-2012

Time: 9.00 A.M. TO 12.00 NOON  
Max. Marks: 60

N.B:

- 1) All questions are **COMPULSORY**.
- 2) Figures to the right indicate **FULL** marks.
- 3) Draw diagrams **WHEREVER** necessary.
- 4) Answer to both the sections should be written in the **SEPARATE** answer books.

**SECTION-II**

**Q.2** Answer **ANY FOUR** of the following: (20)

- a) Hemophilia.
- b) Tonometry.
- c) Care of Client with chest drainage.
- d) Types of Pneumonia.
- e) Spirometry.
- f) Temporary Pacemaker.

- Q.3**
- a) Define Angina Pectoris. (02)
  - b) List down the types of Angina Pectoris. (04)
  - c) Write down medical management of client with Angina Pectoris. (04)

**OR**

- a) Define Tuberculosis. (02)
- b) How you will diagnose a client of Pulmonary T. B. (04)
- c) Write down nursing care plan for a client with pul T. B. on two priority nursing diagnoses. (04)

**SECTION-III**

**Q.4** Answer the following: (15)

- a) Types of shock.
- b) Principles of ICU.
- c) Pain.

- Q.5**
- a) Define meningitis? (02)
  - b) Explain the path physiology of meningitis. (06)
  - c) Write in detail nursing management of patient with diagnosis of meningitis. (07)

**OR**

- a) Define peptic ulcer? (02)
- b) Explain the path physiology of peptic ulcer. (06)
- c) Write in detail nursing management of patient with diagnosis of peptic ulcer. (07)

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RAJMACHI-I APRIL/MAY 2011  
SUBJECT: BIOCHEMISTRY & BIOPHYSICS

Day: Friday  
Date: 29-04-2011

Time: 9:00 A.M. To 12:00 Noon,  
Max marks: 75

N.B:

- 1) All questions are **COMPULSORY**.
- 2) Put a tick mark in the appropriate box
- 3) Use blue/black ball point pen only.
- 4) Section -I should be completed within 20 minuets.
- 5) Each question carries ONE mark.
- 6) Students will not be allotted marks if he or she overwrites strikes or put on the cross once marked.

Seat No. \_\_\_\_\_

Signature of invigilator \_\_\_\_\_

Q.1 MCQ

SECTION-I (BIOCHEMISTRY)

(08)

- 1) Which of the following enzyme is not estimated in cardiac diseases  
a) SGOT   
b) CPK   
c) LDH   
d) ALP
- 2) Example of defense protein is  
a) Albumin   
b) Immunoglobulins   
c) Collagen   
d) Enzymes
- 3) Which of the following is the site for oxidative phosphorylation?  
a) Cytoplasm   
b) Nucleus   
c) Mitochondria   
d) Golgi apparatus
- 4) The lipoprotein cholesterol which is known as good cholesterol is  
a) LDL   
b) HDL   
c) VLDL   
d) Chylomicron

- 5) Following are the examples of aromatic amino acids EXCEPT
- a) Phenylalanine
  - b) Tyrosine
  - c) Tryptophan
  - d) Valine
- 6) Which of the following is ketone body?
- a) Palmitic acid
  - b) Acetyl CoA
  - c) Acetoacetic acid
  - d) Oleic acid
- 7) Followings are be examples of electrolytes involved in fluid balance EXCEPT
- a) Sodium
  - b) Magnesium
  - c) Potassium
  - d) Chloride
- 8) Which of the following is example of conjugated protein
- a) Protamine
  - b) Peptone
  - c) Hemoglobin
  - d) Histone

**Q.2** Short Questions: (attempt any **THREE**)

**(15)**

- a) Describe the role of nucleic acids in protein synthesis.
- b) Write note on glucose tolerance test.
- c) Which tests are included in lipid profile? What is the normal range of each? What is the important precaution for blood collection, for this test?
- d) What are electrolytes? By which instrument concentration of these, measured in the laboratory? Describe hypernatremia.
- e) What is enzyme inhibition? Describe different types of enzyme inhibitions.

**Q.3** Long Questions: : (attempt any **ONE**)

**(15)**

- a) Describe digestion & absorption of carbohydrates and add a note on hyperglycemia.
- b) Describe plasma proteins with their functions. Add note on functional classification of proteins.

Q.1 MCQ

SECTION-II (BIOPHYSICS)

(07)

- 1) The total volume of cerebrospinal fluid in man
  - a) 100-150 ml
  - b) 150-200 ml
  - c) 200-250 ml
  - d) 250-300 ml
  
- 2) The laws of electromagnetic induction were given by
  - a) Fleming
  - b) Faraday
  - c) Lenz
  - d) Ohm
  
- 3) The wheel of bicycle has a motion of
  - a) Rotation
  - b) Translation
  - c) Rotation as well as translation
  - d) None of the above
  
- 4) As the tissue temperature increases metabolism
  - a) Decreases
  - b) Increases
  - c) Remains constant
  - d) Increase and then decreases
  
- 5) Which lens is used to correct the defect of short sightness
  - a) Convex
  - b) Concave
  - c) Planoconcave
  - d) Double concave
  
- 6) Hertz is the unit of
  - a) Frequency
  - b) Wavelength
  - c) Energy
  - d) Velocity

- 7) A semiconductor device which converts AC to DC is called
- a) Rectifier
  - b) Oscillator
  - c) Amplifier
  - d) Transformar

**Q.2** Short Questions: (attempt any **THREE**) **(15)**

- a) Define SI units of length, mass and time.
- b) Describe laminar flow and turbulent flow.
- c) Doppler ultrasound
- d) Electroencephalography (EEG)
- e) Pacemaker

**Q.3** Long Questions: : (attempt any ONE) **(15)**

- a) Describe the measurement of blood pressure in the body.
- b) Describe in details the human eye and usual defects.

\* \* \* \* \*