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Fourth Semester B.Sc. (Nursing) Examination,
Summer - 2024 Phase - II
ADULT HEALTH NURSING - II



Total Duration : Section A+B = 3 Hours

Section B Marks : 63

SECTION - B

- Instructions :**
- 1) Use black ball point pen only.
 - 2) Do not write anything on the blank portion of the question paper. If written anything, such type of act will be considered as an attempt to resort to unfair means.
 - 3) All questions are compulsory.
 - 4) The number to the right indicates full marks.
 - 5) Draw diagrams wherever necessary.
 - 6) Distribution of syllabus in Question Paper is only meant to cover the entire syllabus within the stipulated frame. The Question paper pattern is a mere guideline. Questions can be asked from any paper's syllabus into any question paper. Students cannot claim that the Question is out of syllabus. As it is only for the placement sake, the distribution has been done.
 - 7) Use a common answer book for sections.

2. **Essay/Situation Type (Solve any 2 out of 3) :** [2 × 15 = 30]

- a) An unconscious client with head injury is admitted in the ICU. Immediate craniotomy is performed.

Answer the following questions:

- i) State neurological observations you will record in this patient [3]
 - ii) Enlist complications of head injury and Surgical management of this patient. [5]
 - iii) Write post operative nursing care plan for patient with increased ICP. [7]
- b) i) Define disaster. [2]
- ii) Write the type of disaster. [3]
- iii) Discuss the role of Nurse in disaster management. [10]
- c) Mrs. Anita admitted in Ophthalmic unit with diagnosis Glaucoma. Please answer the following questions:
- i) Define Glaucoma [2]
 - ii) Explain the different types of Glaucoma in detail [5]
 - iii) Discuss the Nursing management of patient with Glaucoma in detail. [8]

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15 × 5 = 2

3. Short Notes (Solve any 5 out of 6) :

- a) Post operative management of Adenotonsillectomy.
- b) Preventive measures of Occupational hazards.
- c) Role of Nurse in communicating with elderly patients.
- d) Nursing role and responsibility in Lumbar puncture.
- e) Nursing management of patient with AIDS.
- f) Nursing management of patient with Tracheostomy.

4. Very Short Notes (Solve any 4 out of 5) :

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- a) Infection control protocol in Critical care Unit.
- b) Post operative management of Adenotonsillectomy.
- c) Hospice care.
- d) Classification of burns according to depth of injury.
- e) Patient education after cataract surgery.

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EEB0000300017554201



Fourth Semester B.Sc. (Nursing) Examination,
Summer - 2024 Phase - II

PHARMACOLOGY - II, PATHOLOGY - II AND GENETICS

Total Duration : Section A+B = 3 Hours

Section B Marks : 61

SECTION - B

- Instructions :**
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 - 7) Use a common answer book for all section B.

(Pharmacology)

2. Essay: (Any 1 out of 2)

[1 × 10 = 10]

- a) Classify oral hypoglycaemic agents. Explain in detail about mechanism of action, major side effects and nurses responsibilities of sulfonylureas.
- b) Describe types of antiepileptic drugs in brief. Explain in detail about mechanism of action, indications and nurses responsibilities of sodium valproate.

3. Short Notes (Any 3 out of 4) :

[3 × 5 = 15]

- a) Describe various types of oral contraceptives.
- b) Describe general principles of prescribing drugs.
- c) Describe mechanism of action and therapeutic uses of beta blockers.
- d) Describe drugs used in peptic ulcer disease.

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- 4. Very Short Notes (Any 3 out of 4) :** **[3 × 2 = 6]**
- a) Classify types of vaccine and give example for each.
 - b) Enumerate parts of prescription.
 - c) Enlist factors affecting drug action.
 - d) Enlist various parenteral routes of drug administration.

(Pathology)

- 5. Short Notes (Any 3 out of 4) :** **[3 × 5 = 15]**
- a) Define Hyperplasia. Describe Benign Hyperplasia of Prostate.
 - b) Describe collection and examination of Semen and its importance in Infertility.
 - c) Discuss the pathological features of Diabetic nephropathy.
 - d) Define Thrombosis. Describe the fate of a Thrombus.

- 6. Very Short Notes (Any 3 out of 4) :** **[3 × 2 = 6]**
- a) Indications for Bone marrow study.
 - b) Classify Breast tumours.
 - c) Complication of Infective Endocarditis.
 - d) Laboratory Diagnosis of Neoplasia.

(Genetics)

- 7. Short Notes (Any 1 out of 2) :** **[1 × 5 = 5]**
- a) Role of nurse in genetic counselling.
 - b) Prenatal testing and diagnosis.
- 8. Very Short Notes (Any 2 out of 3) :** **[2 × 2 = 4]**
- a) Structural chromosomal aberrations
 - b) Turner's syndrome.
 - c) Genetic haemochromatosis.

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Adult Health Nursing-II
Time : 3 Hrs
Max. Marks : 63.00
Version :
Question Booklet Sr. No. :

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Section B

Que2.Essay / Situation Type (Solve any 2 out of 3)

(2x15=30.00)

a.

Mr. Mahesh 40 years male diagnosed with Cerebro Vascular Accident (CVA).

- List the causes of CVA (3)
- Explain the pathophysiology and clinical manifestations of CVA (5)
- Write the nursing management including rehabilitation (7)

b.

72 years old male is admitted to the ward

- Discuss the theories of aging,(3)
- Describe age-related musculoskeletal and cardiovascular changes.(5)
- Explain the role of nurse in the care of an elderly (7)

c.

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Mr Dubey a 47 years old man is admitted to casualty with 60% total body surface area burn. १० kg

- Explain the initial assessment (4)
- Describe the fluid resuscitation of Mr. Dubey.(4)
- Write a nursing care plan based on the nursing process for the first 48-72 hours. (7)

Que3.Short Notes (Solve any 5 out of 6)

(5x5=25.00)

a.

Management of HIV infection

b.

Lumbar puncture

c.

TNM classification

d.

Classification of head injury

e.

Health education after cataract surgery

f.

Nursing care of unconscious patient

Que4. Very Short Notes (Solve any 4 Out of 5) :-

(4x2=8.00)

a.

Enumerate different types of skin graft.

b.

Types of hearing loss

c.

Name the ocular emergencies

d.

Indication of hemodialysis

e.

Signs and symptoms of increased ICP

FOURTH SEMESTER B.Sc. NURSING EXAMINATIONS
Pharmacology-II, Pathology-II and Genetics



Total Duration : 3 Hrs.

Total Marks : 75

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 - 5) Draw diagrams **wherever necessary**.
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 - 7) Use a common answer book for all sections.

SECTION – A (PHARMACOLOGY)

2. Essay : (Any 1 out of 2) (1x10=10)
 - a) Enumerate steps of prescribing medications. Describe in detail about prescribing competencies.
 - b) Classify diuretics. Describe in detail about mechanism of action, adverse effects and nursing responsibilities of thiazide diuretics.
3. Short Notes : (Any 3 out of 4) (3x5=15)
 - a) Describe in detail about opioid analgesics.
 - b) Describe in detail about anticholinergics drugs: Therapeutic uses and adverse effects.
 - c) Write a note on adrenergic drugs.
 - d) Describe corticosteroids: Uses and adverse effects.
4. Very Short Notes : (Any 3 out of 4) (3x2=6)
 - a) Describe in brief bioavailability of the drug.
 - b) Classify antiseptics and give examples of each.
 - c) Types of IV fluids.
 - d) Describe in brief drugs used for de-addiction.

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SECTION – B (PATHOLOGY)

5. Short Notes : (Any 3 out of 4) (3x5=15)
- a) Pathology of osteoarthritis.
 - b) Types of necrosis.
 - c) Benign prostate hyperplasia.
 - d) Physical and microscopic examination of stool.
6. Very Short Notes : (Any 3 out of 4) (3x2=6)
- a) Difference between gastric and duodenal ulcer.
 - b) Pathogenesis of atherosclerosis.
 - c) Types of renal calculi.
 - d) Vascular events of acute inflammation.

SECTION – C (GENETICS)

7. Short Notes : (Any 1 out of 2) (1x5=5)
- a) Describe in detail about X linked pattern of inheritance.
 - b) Describe any two hereditary hematological disorders in detail.
8. Very Short Notes : (Any 2 out of 3) (2x2=4)
- a) Preimplantation genetic diagnosis.
 - b) Explain in brief about consanguinity as genetic risk.
 - c) Indications of genetic counselling.
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