

Course Title: Health Techniques-I and Clinical Practice

Study Hours: 60+120

Marks

Paper : 1

Theory:120

Term : 3rd

Practical:30

Time: 3hrs

Course contents

STUDY HOURS

(THEORY+PRACTICAL)

A. GENERAL MEDICINE

40+120

A1. Introduction:

A1.1 Clinical observation

A1.1.1 Symptoms

1) A1.1.2 Signs

A1.2 Vital signs

2) A1.2.1 Pulse

3) A1.2.2 Respiratory rate

4) A1.2.3 Temperature

5) A1.2.4 Blood pressure

6) A1.3 Diseases A1.3.1 Introduction

7) A1.3.2 Causes

A 2. General knowledge of the following in disease production:

A2.1 Physical agents

A2.2 Drugs

A2.3 Chemical agents

A2.4 Effects of temperature

A2.5 Effects of electricity

A2.6 Effects of radiation

A 3. Infectious diseases:

Introduction , Causes, Clinical features, Investigation, Treatment & Prevention,(Briefly)

A3.1 Measles

A3.2 Rubella

A3.3 Whooping cough

A3.4 Diphtheria

A3.5 Rabies

A3.6 Tetanus

A3.7 Chicken pox

A3.8 Mumps

A3.9 Typhoid fever

A3.10 Bacillary dysentery

A3.11 Food poisoning

A 4.Tropical disease:

Introduction , Cause, Clinical features, Investigation, Treatment & Prevention,(Briefly)

A4.1 Malaria

A4.2 Amoebiasis

A4.3 Cholera

A 5.Sexually Transmitted Diseases:

Introduction , Cause, Clinical features, Investigation, Treatment & Prevention,(Briefly)

A5.1 Aids

A5.2 Gonorrhea

A5.3 Syphilis

B.INTERNAL MEDICINE

80+200

B1.Diseases of circulatory system

Introduction , Cause, Clinical features, Investigation, Treatment & Prevention,(Briefly)

B1.1 Coronary artery disease

B1.2 Hypertension

B1.3 Rheumatic heart diseases

B1.4 Heart failure

B2.Diseases of respiratory system

Introduction , Cause, Clinical features, Investigation, Treatment & Prevention,(Briefly)

B2.1 Acute coryza

B2.2 Acute tonsillitis

B2.3 Bronchitis

B2.4 Laryngitis

B2.5 Pneumonia

B2.6 Pulmonary tuberculosis

B2.7 COPD

B2.8 Asthma

B3.Diseases of alimentary tract

Introduction , Cause, Clinical features, Investigation, Treatment & Prevention,(Briefly)

B3.1 Acute gastroenteritis

B3.2 Worm's infestation

B3.3 Peptic ulcer

B3.4 Gastritis

B4.Diseases of liver

Introduction , Cause, Clinical features, Investigation, Treatment & Prevention,(Briefly)

B4.1 Viral hepatitis

B4.2 Cirrhosis

B4.3 Liver failure

C.PRACTICAL WORK on the all above deseases

C1 Patient reception

C2 Maintenance of the records

C3 Look after of the routine investigations

C4 Nasogastric tube care

C5 Care of the all in-situ lines (cannula, catheter, chest tube and drainage tube if any.)

- C6 Health education of the patient as well as of the attendants
- C7 Preventive technique and follow up records
- C8 Checklist for the discharge of the patient

Recommended Books

- 1 Current Medical Diagnosis and Treatment by Lawrence M. Tierne
- 2 Drug Information Handbook for Nursing including Assessment Administration, nitoring
- 3 Guidelines and Patient Education by Beatrice B. Turkoski.
- 4 Handbook of Emergencies and General Practice by Norman Lawrence
- 5 Manual of Clinical Problems and Infection Disease
- 6 A Text Book of Ophthalmology by E. Ahmed
- 7 A Text Book of Pathology by Naveed&Sarwar

Reference Books

- 1 Clinical Medicine by Parveen Kumar, Michalclark by ELBS
- 2 Community Medicine by Ilyas Ansari

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STUDY HOURS

(THEORY+PRACTICAL)

60+160

A5.Diseases of nervous system

Introduction , Cause, Clinical features, Investigation, Treatment & Prevention,(Briefly)

A5.1 Headache

A5.2 Meningitis

A5.3 Convulsions

A5.4 Coma

A5.5. Strokes

A5.6. Sciatica

A6.Diseases of blood

Introduction , Cause, Clinical features, Investigation, Treatment & Prevention,(Briefly)

A6.1 Anemia & its types

A6.2 Leukemia

A6.3 Thrombocytopenia

A6.4 Hemophilia

A.Diseases of Urinary system

Introduction , Cause, Clinical features, Investigation, Treatment & Prevention,(Briefly)

A7.1 Urinary tract infections

A7.2 Acute glomerulonephritis

A7.3 Nephritic syndrome

A7.4 Urinary stones

A8.Endocrine disorders

Introduction , Cause, Clinical features, Investigation, Treatment & Prevention,(Briefly)

A8.1 Hypothyroidism

A8.2 Grave's disease

A83 Diabetes mellitus

A9.Diseases of connective tissues:

Introduction , Cause, Clinical features, Investigation, Treatment & Prevention,(Briefly)

A9.1 Rheumatoid arthritis

A9.2 Osteoarthritis

A9.3 SLE

A10.Toxicology:

Introduction , Cause, Clinical features, Investigation, Treatment & Prevention,(Briefly)

A10.1 Kerosene oil poisoning

A10.2 Organophosphorus poisoning

A10.3 Opium poisoning

A10.4 Acid/alkali poisoning

A11. EMERGENCY CARE IN:

- A11.1 Stroke
- A11.2 Status Asthmatics
- A11.3 Hypertension
- A11.4 Hyperpyrexia

B.PRACTICAL WORK on the all above deseases

- B1 Patient reception
- B2 Maintenance of the records
- B3 Look after of the routine investigations
- B4 Nasogastric tube care
- B5 Care of the all in-situ lines (cannula, catheter, chest tube and drainage tube if any.)
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