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Pharmacotherapeutics Important Questions

D.Pharma 2nd year

Syllabus & Questions

Pharmacotherapeutics D.Pharma 2nd Year Important Questions Chapter wise

Chapter-1

Pharmacotherapeutics – Introduction, scope and objectives. Rational use of Medicines, Evidence Based Medicine, Essential Medicines List, Standard Treatment Guidelines (STGs)

Questions:

- Write about the scope and objectives of the Pharmacotherapeutics.
- Write a note on essential medicines list?
- What do you mean by Rational use of Medicines (RUM).
- What is a standard treatment guideline (STGs)?
- What do you mean by evidence based medicines? Give importance of evidence based medicine.

Chapter: 2

Definition, etiopathogenesis, clinical manifestations, nonpharmacological and pharmacological management of the diseases associated with

(a) Cardiovascular System

- Hypertension
- Angina and Myocardial infarction

- Hyperlipidaemia
- Congestive Heart Failure

Questions:

Write Details notes on any two.

1. Hypertension
2. Angina and Myocardial infarction
3. Hyperlipidaemia
4. Congestive Heart Failure

(b) Respiratory System

- Asthma
- COPD

Questions:

- Write the details note on Asthma and there etiopathogenesis, clinical manifestations, pharmacological management, and non-pharmacological management.
- Define COPD.
- Write the pharmacological management of COPD.

(c) Endocrine System

- Diabetes
- Thyroid disorders- Hypo and Hyperthyroidism

Questions:

- What is Endocrine system
- Write the details note on Diabetes and Thyroid and there etiopathogenesis, clinical manifestations, pharmacological management, and non-pharmacological management.

(d) Central Nervous System

- Epilepsy
- Parkinson's disease
- Alzheimer's disease
- Stroke
- Migraine

Questions:

- Write the details note on any two
    1. Parkinson's Disease

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2. Alzheimer's Disease
3. Migraine

- What are the etiopathogenesis of a stroke?
- What are the clinical manifestations of a stroke?
- What are the non-pharmacological management strategies for a stroke?

(e) Gastro Intestinal Disorders

- Gastro oesophageal reflux disease
- Peptic Ulcer Disease
- Alcoholic liver disease
- Inflammatory Bowel Diseases (Crohn's Disease and Ulcerative Colitis)

Questions:

- What are the etiopathogenesis of Peptic Ulcer Disease?
- What are the clinical manifestations of Alcoholic liver disease?
- What are the non-pharmacological management strategies for a stroke?
- Write the details note on any two
    1. Inflammatory Bowel Diseases (Crohn's Disease and Ulcerative Colitis)
    2. Gastro oesophageal reflux disease
    3. Peptic Ulcer Disease

(f) Haematological disorders

- Iron deficiency anaemia
- Megaloblastic anaemia

Questions:

- Write the details note on Anaemia with their classification.
- What are the clinical manifestations of Iron deficiency anaemia.
- What are the clinical manifestations of Megaloblastic anaemia?
- What are the non-pharmacological management strategies for a Megaloblastic anaemia?

(g) Infectious diseases

- Tuberculosis
- Pneumonia
- Urinary tract infections
- Hepatitis
- Gonorrhoea and Syphilis
- Malaria

- HIV and Opportunistic infections
- Viral Infections (SARS, CoV2)

Questions:

Tuberculosis

- What is the definition and etiopathogenesis of tuberculosis?
- What are the clinical manifestations of tuberculosis?

Pneumonia

- How is pneumonia defined and what causes it?
- What are the clinical signs and symptoms of pneumonia?
- What are the non-pharmacological and pharmacological treatments for pneumonia?

Urinary Tract Infections

- What is the etiopathogenesis of urinary tract infections?
- What are the clinical manifestations of urinary tract infections?
- How are urinary tract infections managed non-pharmacologically and pharmacologically?

Hepatitis

- How is hepatitis defined and what causes it?
- What are the clinical signs and symptoms of hepatitis?
- What are the non-pharmacological and pharmacological treatments for hepatitis?
- Gonorrhoea and Syphilis
- What is the definition and etiopathogenesis of gonorrhoea and syphilis?
- What are the clinical manifestations of gonorrhoea and syphilis?
- How are gonorrhoea and syphilis managed non-pharmacologically and pharmacologically?

Malaria

- How is malaria defined and what causes it?
- What are the clinical signs and symptoms of malaria?
- What are the non-pharmacological and pharmacological treatments for malaria?
- HIV and Opportunistic Infections
- What is the definition and etiopathogenesis of HIV and opportunistic infections?
- What are the clinical manifestations of HIV and opportunistic infections?
- How are HIV and opportunistic infections managed non-pharmacologically and pharmacologically?

Viral Infections (SARS, CoV2)

- How are SARS and CoV2 defined and what causes them?
- What are the clinical signs and symptoms of SARS and CoV2?

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- What are the non-pharmacological and pharmacological treatments for SARS and CoV2?

(h) Musculoskeletal disorders

- Rheumatoid arthritis
- Osteoarthritis

Questions:

- Write the details note on Rheumatoid arthritis, Osteoarthritis.

(i) Dermatology

- Psoriasis
- Scabies
- Eczema

Questions:

Psoriasis

- What is the definition and etiopathogenesis of psoriasis?
- What are the clinical manifestations of psoriasis?
- How is psoriasis managed non-pharmacologically and pharmacologically?

Scabies

- How is scabies defined and what causes it?
- What are the clinical signs and symptoms of scabies?
- What are the non-pharmacological and pharmacological treatments for scabies?

Eczema

- What is the definition and etiopathogenesis of eczema?
- What are the clinical manifestations of eczema?
- How is eczema managed non-pharmacologically and pharmacologically?

(j) Psychiatric Disorders

- Depression
- Anxiety
- Psychosis

Questions:

- Write the details note on Depression and Psychosis and there etiopathogenesis, clinical manifestations, pharmacological management, and non-pharmacological management.

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(k) Ophthalmology

- Conjunctivitis (bacterial and viral)
- Glaucoma

Questions:

- Write the details note on Glaucoma
- Write the short note on Conjunctivitis (bacterial and viral)

(l) Anti-microbial Resistance

- Write the Short note on Anti-microbial resistance.

(m) Women's Health

- Polycystic Ovary Syndrome
- Dysmenorrhea
- Premenstrual Syndrome

Questions:

- What causes PCOS in females?
- What is the cause of premenstrual syndrome?
- What is the clinical manifestations of Dysmenorrhea.
- Define Premenstrual Syndrome

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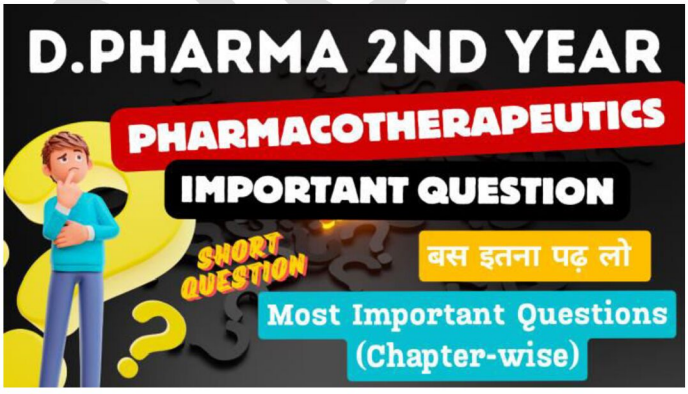

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