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ER 20-24T

Roll No. of candidate

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2023

D.Pharm. Part II End-Term Examination
PHARMACOTHERAPEUTIC

Full Marks – 80

Time – Three hours

The figures in the margin indicate full marks
for the questions.

1. Answer the following (MCQ) : (20 × 1 = 20)
- (i) Which of the following is a **lipid** lowering drugs?
- (a) Aprotinin
 - (b) Tranexamic acid
 - (c) Lansoprazole
 - (d) Acipimox
- (ii) **Glucose** values are expressed by which unit?
- (a) mg/dl
 - (b) g/dl
 - (c) ug/dl
 - (d) kg/dl
- (iii) Which of the following is a **diuretics**
- (a) Captopril
 - (b) Furosemide
 - (c) Metoprolol
 - (d) Olmesartan

[Turn over

- (iv) Which guidelines should followed for COPD
- (a) GINA
 - (b) ESMO
 - (c) CHEST
 - (d) GOLD
- (v) Dopamine levels can not be increased by
- (a) MAO inhibitors
 - (b) Amantadine
 - (c) Anticholinergic
 - (d) Carbidopa/Levodopa
- (vi) Hyperthyroidism is not treated by
- (a) Beta-Blockers
 - (b) Methimazole
 - (c) Radioactive Iodine
 - (d) Propyl thiouracil
- (vii) First-line antihypertensive medications
- (a) Diuretics
 - (b) Beta-Blockers
 - (c) Calcium Channel Blockers
 - (d) ACE inhibitors
- (viii) Neuropathy is a comorbidity of
- (a) DM
 - (b) ASTHMA
 - (c) COPD
 - (d) GLUCOMA

- (ix) One of the following is Pro-coagulant Drug
- (a) Warfarin
 - (b) Vitamin K
 - (c) Heparin
 - (d) Aspirin
- (x) Mechanism of action of **Ondansetron** is
- (a) Muscarinic receptors antagonist
 - (b) Histamine H₂ receptor antagonists
 - (c) Histamine H₁ receptors antagonists
 - (d) 5HT₃ receptors antagonists
- (xi) Causative organism for **polio**
- (a) Polio virus
 - (b) Virus
 - (c) Fungus
 - (d) Bacteria
- (xii) All of the following agents are the first line **antimicrobial** drugs except
- (a) Rifampicin
 - (b) Pyrazinamide
 - (c) Isoniazid
 - (d) Streptomycine
- (xiii) The drugs can be used to treat **GLUCOMA**
- (a) Furosemide/lasix
 - (b) Acetazolamide/diamox
 - (c) Both of the above
 - (d) Neither of the above

(xiv) Causative organism for Community Acquired Atypical pneumonia

- (a) Legionella Pneumophila
- (b) Klebsiella Pneumonia
- (c) Mycoplasma Pneumonia
- (d) Pseudomonas spp.

(xv) Assam launched newly discovered miraculous anti-TB drug

- (a) Bedaquiline
- (b) Cycloserine
- (c) Quinolones
- (d) Cinnoline

(xvi) PCOS is a disease caused by

- (a) Virus
- (b) Bacteria
- (c) Toxins
- (d) Hormonal imbalance

(xvii) Which of the following diseases are related to corona virus

- (a) MERS
- (b) SARS
- (c) Both (a) and (b)
- (d) Neither (a) Nor (b)

(xviii) The drug of choice for syphilis treatment is

- (a) Gentamicin
- (b) Chloramphenicol
- (c) Penicillin
- (d) Doxycycline

(xix) Causative organism of Scabies is

- (a) Mite
- (b) Tick
- (c) Rickettsial
- (d) Protozoa

(xx) Which of the following antimalarial drug has a gametocidal effect?

- (a) Mefloquine
- (b) Primaquine
- (c) Daxycycline
- (d) Sulfonamide

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2. Answer any six questions :

(6 × 5 = 30)

- (a) Give the classification and management of UTI.
- (b) Explain the management of MDR-TB.
- (c) Explain the clinical manifestations and Pharmacotherapy for Angina Pectoris.
- (d) Explain the Pathophysiology of malaria.
- (e) Define hypertension. Explain management of hypertension.
- (f) Discuss the GOLD Guidelines for the management of COPD.
- (g) Discuss the VDRL Test.
- (h) Write note on Non-Pharmacological therapy for psoriasis.
- (i) Explain the Pathophysiology of epilepsy.

3. Answer any ten questions :

(3 × 10 = 30)

- (a) Define AIDS? Explain the Pathophysiology.
- (b) Define Leukaemia? Explain the types of Leukaemia.
- (c) Add note on management of Leukaemia.
- (d) Define CHF? Explain management of CHF.
- (e) Explain ASTHMA. Explain the treatment of ASTHMA.
- (f) Explain the Pharmacotherapeutics of DM.
- (g) Write a note on antimalarial drugs.
- (h) Explain the types of epilepsy.

- (i) Explain management of management of AIDS.
 - (j) Explain Pathophysiology of COPD.
 - (k) Write a note on management of hyperthyroidism.
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