

ATAL BIHARI VAJPAYEE MEDICAL UNIVERSITY, LUCKNOW**MBBS DEGREE - IInd PROFESSIONAL - SUPPLEMENTARY EXAMINATION - JUNE 2024****PHARMACOLOGY - PAPER - II****SECTION A - Multiple Choice Questions (MCQs)**

PAPER CODE : 2421230005

SET : B

Note: Choose one correct answer in the OMR sheet provided. No overwriting should be done.

Time: 20 Minutes

(20 x 1 = 20 MARKS)

1. Drug of choice for hypertension in eclampsia is:
 - a) Nifedipine
 - b) MgSO₄
 - c) Labetalol
 - d) Hydralazine
2. Bisacodyl is:
 - a) Stool softner
 - b) Osmotic purgative
 - c) Formamidine derivative
 - d) Stimulant laxative
3. What is the major mechanism of action of propylthiouracil in hyperthyroidism?
 - a) Inhibits iodine uptake
 - b) Inhibits the hormone release
 - c) Inhibit the enzyme thyroid peroxidase
 - d) Helps in peripheral conversion of T₄ to T₃
4. Amphotericin B toxicity can be reduced by:
 - a) Combining with fluconazole
 - b) Combining with thioconazole
 - c) Injecting the drug with dextrose
 - d) Incorporating it in liposomal complexes
5. Which of the following drug is contraindicated in a case of bilateral renal artery stenosis?
 - a) Enalapril
 - b) Hydralazine
 - c) Dopamine
 - d) Methyldopa

6. Which of the following drugs has both 5-HT₃ antagonist and D₂ antagonist properties?
- a) Metoclopramide
 - b) Ondansetron
 - c) Granisetron
 - d) Benzhexol
7. Mechanism of action of oseltamivir is:
- a) Blocks M2 protein
 - b) Neuraminidase inhibitor
 - c) Blocks DNA dependent RNA polymerase
 - d) Apoptosis of respiratory epithelial cells
8. Atorvastatin acts by which of the following mechanism:
- a) Bile sequestrant
 - b) Lipoprotein lipase inhibitor
 - c) Cholesterol absorption inhibitor
 - d) HMG-CoA reductase inhibitor
9. Anthelmintic also acting as immunomodulator is:
- a) Levamisole
 - b) Albendazole
 - c) Piperazine
 - d) Mebendazole
10. Finasteride is used for the treatment of:
- a) Benign prostatic hyperplasia
 - b) Impotence
 - c) Depression
 - d) Gynecomastia
11. Most specific antiemetic for chemotherapy induced vomiting is:
- a) Tegaserod
 - b) Granisetron
 - c) Domperidone
 - d) Ondansetron
12. True statement about vitamin K is:
- a) Long term use of antimicrobials can cause deficiency of vitamin K
 - b) It is necessary for synthesis of factor VII
 - c) DVT is associated with vitamin K deficiency
 - d) It is a water soluble vitamin

13. Mechanism of action of Linezolid is:

- a) Binds to 50S ribosome and inhibits Met-tRNA initiation complex
- b) Binds to 30S ribosome and inhibits Met-tRNA initiation complex
- c) Inhibits peptidyl transferase
- d) Inhibits attachment of aminoacyl tRNA to A-site

14. Octreotide is used for:

- a) Osteoarthritis
- b) Acromegaly
- c) Constipation
- d) Pancreatitis

15. Which is not an antiplatelet drug?

- a) Streptokinase
- b) Aspirin
- c) Ticlopidine
- d) Clopidogrel

16. Absolute contraindication to thrombolytic therapy is:

- a) History of hemorrhagic stroke in past one year
- b) Pregnancy
- c) Hypertension
- d) Patients on nitrates

17. True statement about racemorotril is:

- a) It is a drug used in constipation
- b) It is a prodrug that is converted to peripherally acting enkephalinase inhibitor
- c) It has anti-secretory action in GIT
- d) It is metabolized by liver

18. Which of the following statements about erythropoietin is FALSE?:

- a) It results in decrease in reticulocyte count
- b) It is used for the treatment of anemia due to chronic renal failure
- c) It can cause hypertension
- d) It decreases the requirement of blood transfusions
