



Aakash
PG Plus

PHARMACOLOGY

NEET PG 2021

RECALL QUESTIONS AND ANSWERS

Q.1 A patient presented with chronic renal insufficiency and pedal edema. Drug that can be given for hypertension to this patient is?

- a. Chlorthalidone
- b. Amlodipine
- c. Prazosin
- d. Aliskiren

Q.2 A patient was given metronidazole. Which of the following should not be taken simultaneously to avoid adverse effects?

- a. Grapefruit juice
- b. Benzodiazepines
- c. Alcohol
- d. MAO inhibitors

Q.3. A female patient on anti-hypertensive drugs came for pre-conceptual counselling. Which of the following drugs will you advise to stop?

- a. Methyl dopa
- b. CCBs
- c. Lisinopril
- d. Hydralazine

Q.4. A female taking oral contraceptives was diagnosed with tuberculosis. After prescribing anti-tubercular therapy, physician advised the patient for alternative contraception. What is the probable reason for this advice?

- a. Rifampicin causes teratogenicity
- b. Isoniazid is teratogenic
- c. Rifampicin decreases the efficacy of oral contraceptives
- d. Oral contraceptives decrease the efficacy of anti-tubercular therapy

Q.5 A patient came with a bout of vomiting. After starting an antiemetic drug, he developed dystonia. Which of the following drug is used for the treatment of this motor symptom?

- a. Benzhexol
- b. Cyproheptadine
- c. L-dopa
- d. Hyoscine

Q.6. A patient is on digoxin with some concomitant medications. Now patient develops atrial fibrillation with controlled ventricular rate and his serum digoxin value raised from his previous value. Which of the following medication can lead to these features?

- a. Triamterene
- b. Clarithromycin
- c. KCl
- d. Atenolol

Q.7. A 36 weeks pregnant female was taking warfarin. What changes should be done now?

- a. Stop warfarin and start heparin
- b. Stop warfarin and start heparin plus aspirin
- c. Continue warfarin and start heparin
- d. Continue warfarin and start aspirin

Q.8. A patient presented with chronic renal insufficiency. Which NSAIDs can be used for post-operative pyelolithotomy in this patient?

- a. Naproxen
- b. Acetaminophen
- c. Indomethacin
- d. Diclofenac sodium

Q.9. What is the mechanism of action of methotrexate which could be beneficial in osteosarcoma?

- a. Competitive DHFR inhibition
- b. Analog of UMP



- c. Dihydropteroate synthase inhibitor
- d. Pyrimidine analogue

Q.10. A patient in shock was administered epinephrine. Through which of the following epinephrine acts?

- a. Adenyl cyclase
- b. Phospholipase A2
- c. Phospholipase C
- d. Phospholipase D

Q.11. A patient with ECG changes suggestive of MI underwent CABG. He was started on aspirin and statin. Which of the following should also be given?

- a. PDE 5 inhibitor
- b. Heparin
- c. P2Y12 inhibitor
- d. PDE 3 inhibitor

Q.12. A lady is using aspirin for pain in arthritis from many years. Now she is having per rectal bleeding. This occurs due to inhibition of which of the following by aspirin?

- a. Thromboxane
- b. Leukotriene
- c. Bradykinin
- d. Hagemann factor

Q.13. Which among the following formulae is used for calculation of dosing rate:

- a. $\text{Plasma concentration} \times \text{Bioavailability}$
- b. $\text{Drug clearance} \times \text{Target plasma concentration}$
- c. $\text{Drug concentration} / \text{volume of distribution}$
- d. $\text{Drug clearance} / \text{plasma concentration}$



Q.14. Which of the following anti-hypertensive drug would have cause the following condition?



- a. Lisinopril
- b. Amlodipine
- c. Propranolol
- d. Prazosin

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ANSWERS

- 1.A
- 2.C
- 3.C
- 4.C
- 5.A
- 6.D
- 7.A
- 8.B
- 9.A
- 10.A
- 11.C
- 12.A
- 13.B
- 14.A



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