

**D.PHARM.
SECOND YEAR
PHARMACOLOGY II
ER20-21T [SPECIAL REPEAT]
[USE OMR FOR OBJECTIVE PART]**

**SET
A**

Duration : 3 hrs.

Full Marks : 80

(PART-A : Objective)

Choose the correct answer from the following:

1×20=20

- Which of the following cannot be treated by antiviral drugs?
 - Warts
 - Influenza
 - Small pox
 - Tuberculosis
- atropine is contraindicated in
 - Glaucoma and prostatic hypertrophy
 - Hypertensive
 - Curare poisoning
 - Photophobia
- Benzodiazepines act on which receptor?
 - Tyrosine kinase
 - GPCR
 - Glutamate
 - GABA
- Depression is caused by deficiency of _____
 - Amines
 - Neurotransmitter
 - Peptides
 - Hormones
- Which of the following disorder causes dopamine neurons to die?
 - Multiple sclerosis
 - Down syndrome
 - Parkinson's diseases
 - Myasthenia gravis
- The local anesthetic with the longest duration of action is-
 - Lidocaine
 - Dibucaine
 - Lignocaine
 - Procaine
- Grey baby syndrome is due to
 - Tetracycline
 - Thalidomide
 - Chlormoprazine
 - Chloramphenicol
- The major adverse effect of penicillin is-
 - Nausea
 - Hypersensitivity reaction
 - Bradycardia
 - Tremor
- Which of the following plasma protein is involved in coagulation of blood?
 - Fibrinogen
 - Albumin
 - Pepsin
 - Collagen
- The synthesis of more microsomal enzyme is referred as
 - Enzyme inhibition
 - Cytotoxic action
 - Enzyme induction
 - Competitive enzyme

11. Chloroquine comes under which following class of Antimalarial drug?
a. 8- aminoquinolines
b. Biguanides
c. 4- aminoquinolines
d. Amino-acridines
12. Anti Metabolite drug is-
a. Nystatin
b. Fluorouracil-(5FU)
c. Sulphonamides
d. Fluconazole
13. _____ is useful in Stiffman syndrome and localized muscle spasm.
a. Neostigmine
b. Phenobarbitone
c. Acetylcholine
d. Diazepam
14. Which drug used in the treatment of Myasthenia gravis?
a. Neostigmine
b. Captopril
c. Mebendazole
d. Barbiturates
15. Autocoids means?
a. Tissue collagen
b. Tissue fats
c. Tissue amines
d. Tissue cells
16. Choose gases anesthetic agent.
a. Pentobarbital
b. Chloroform
c. Ether
d. Nitrous oxide
17. Cephalosporins belong to which class of antibiotics?
a. Macrolides
b. Beta-lactam
c. Aminoglycosides
d. Tetracycline
18. Combination therapy with multiple antihypertensive agents is often recommended to achieve:
a. Enhanced efficacy and reduced adverse effects
b. Simplified dosing regimens
c. Reduced adverse effect
d. None of the above
19. Which of the following is a common side effect associated with ethambutol?
a. Hepatotoxicity
b. Nephrotoxicity
c. Eye damage
d. Genotoxicity
20. Which of the following is the drug of choice in the treatment of productive cough?
a. Noscapine
b. Dextromethorphan
c. Pholcodine
d. Bromhexine

[PART-B : Short Answers]

[Answer any ten (10) from the following]

[3x10=30]

- | | |
|---|---|
| 1. Explain the types of biologicals? | 3 |
| 2. Classify cephalosporins with examples and mention the therapeutic uses.? | 3 |
| 3. Give two example of | 3 |
| a. Proton pump inhibitors | |
| b. Anti-histamine | |
| c. Macrolides | |
| 4. Explain the phase II conjugation reaction with example? | 3 |
| 5. Define depression? Classify anti-depressants agents? | 3 |
| 6. Describe cholinergic neurotransmission? | 3 |
| 7. Write the mechanism of action and uses of sulfonamides? | 3 |
| 8. Explain any two specialized transport of drug absorption with diagram? | 3 |
| 9. Define the following | 3 |
| a. First pass metabolism | |
| b. Enterohepatic circulation | |
| c. Biotransformation | |
| 10. Explain the mechanism of action of Nitrates? | 3 |
| 11. Define and classify anti-coagulants drug? | 3 |

[PART-C : Long Answers]

[Answer any six (6) from the following]

[5x6=30]

- | | |
|--|---|
| 1. Classify antineoplastic drug? | 5 |
| 2. Classify anti-malarial drug? | 5 |
| 3. Classify antihypertensive drugs with examples. Explain about diuretics? | 5 |
| 4. Write pharmacological effects, pharmacokinetics and therapeutic uses of Barbiturates? | 5 |
| 5. Explain about myasthenia gravis and the drug used in myasthenia gravis? | 5 |
| 6. Explain systemic route of drug administration? | 5 |
| 7. Explain any two mechanism of drug action? | 5 |

= = *** = =