



SUMMER END SEMESTER PRACTICAL EXAMINATION AY 2020-21

Center Code: 5448

Course: T.Y. B. Pharm

Semester: VI

Day & Date: 07.07.2021

Batch: A

Time: 8:00am-12:00pm

Subject and Code: - BP607P

Total Marks:35

Q1. Synopsis (Multiple Choice Questions)

20 marks

1. What is correct Molecular Formula of Resorcinol
 - a. C₆H₆O₂
 - b. C₁₀H₈O₃
 - c. C₉H₈O₄
 - d. C₆H₇O₃
2. Coumarin synthesis involves which of the following named reaction
 - a. Bechman Rearrangement
 - b. Suzuki Coupling
 - c. Pechmann Reaction
 - d. Hoffman Degradation
3. Chlorobutanol is synthesized in presence of
 - a. H₂SO₄
 - b. HCl
 - c. NaOH
 - d. KOH
4. 7-Chloro,7-hydroxy derivative belonging from the Lincomycin class is
 - a. Erythromycin
 - b. Clindamycin hydrochloride
 - c. Lincomycin Hydrochloride
 - d. Vancomycin hydrochloride
5. Hexamine also Known as
 - a. Methanamine
 - b. Hexamethylenetetramine
 - c. Urotropin
 - d. All of the above
6. Adamantane is present in the structure of the
 - a. Hexamine
 - b. Coumarin
 - c. Chlorobutanol
 - d. None of the above
7. -----is a major metabolic route of Chloramphenicol
 - a. Reduction of p-nitro group
 - b. Hydrolysis of amide
 - c. 3-O-glucuronide
 - d. Hydrolysis of α chloroacetamido group
8. Find Odd Pair
 - a. Streptomycin : Streptomyces mediterrani
 - b. Rifampicin : Streptomyces griseus
 - c. Cycloserine : Isoxazole
 - d. Ethambutol : Ethelene diamine
9. Continuation Phase in DOTS
 - a. IHN + EMB
 - b. INH+ Any of the EMB/RIF/Streptomycin
 - c. Only INH
 - d. None of the above
10. Identify incorrect
 - a. Filariasis: Wucheria bancrofti, Brugia timori, Brugia malayi
 - b. Ascariasis : Nectar americanus
 - c. Trichuris trichiura : Whipworm infections
 - d. Schistosomiasis : Schistosoma Haematobium, Schistosoma mansoni, Schistosoma japonicum

11. Identify GABA agonist anti-helminthic
 - a. Ivermectin
 - b. Praziquantel
 - c. DEC
 - d. Thiabendazole
12. Crystalluria is most common side effect of
 - a. Sulfapyrine
 - b. Sulfathiazole
 - c. Sulfadiazine
 - d. occurs at neutral or acidic urinary pH
 - e. All of the above
13. Which among below are only topically used Aminoglycosides
 - a. Neomycin
 - b. Framycetin
 - c. Both of the above
 - d. Tobramycin
14. Cephalosporins containing an N-methyl-5-thiotetrazole (MTT) moiety at the 3-position leads to
 - a. Hypoprothombinemia
 - b. Allergy
 - c. Hypersensitivity
 - d. All of the above
15. Which of the following is classified as monobactam?
 - a. Tazobactam
 - b. Sulbactam
 - c. Sulfazecin
 - d. Clavulanic acid
16. Which of the following drug was used as antirheumatics in early 1950's and currently withdrawn due to renal & corneal toxicity?
 - a. Chloroquine
 - b. Arteether
 - c. Primaquine
 - d. Amodiaquine
17. Blockade of metabolic site of quinine with CF₃ group results in following
 - a. Primaquine
 - b. Halofantrine
 - c. Lumefantrine
 - d. Mefloquine
18. Positive value of pi indicates that
 - a. Substituent is more hydrophobic
 - b. Substituent is less hydrophobic
 - c. Substituent is neutral
 - d. Substituent has lower lipophilicity
19. Positive value of Hammett constant indicates
 - a. Substituent is electron withdrawing
 - b. Substituent has no effect on drug permeability
 - c. Substituent is electron Donating
 - d. None of the above
20. While Docking studies we only require 3-Dimensional structure of the target not Ligand
 - a. True
 - b. False

QII. Viva Voce

15 marks


Name & Signature

Internal Examiner

(Ms. Mrunali Patil)

Name & Signature

External Examiner

(Mr. Lala Rathod)