



Dr. Babasaheb Ambedkar Technological University
Vidyavihar, Lonere, Dist. Raigad

SUMMER END SEMESTER PRACTICAL EXAMINATION AY 2020-21

Center Code: 5448	Course: T.Y. B. Pharm	Semester: VI
Day & Date: 07.07.2021	Batch: B	Time: 1:00pm-5:00pm
Subject and Code: - BP607P		Total Marks:35

QI. Synopsis (Multiple Choice Questions)

20 marks

- Hammet Constant is denoted by
 - σ
 - π
 - ∞
 - Log p
- Amphotericin B is
 - Antimalarial
 - Antifungal
 - Anthelmintic
 - Antiprotozoal
- Mode of action : Metronidazole
 - Causes cytotoxicity by forming reactive radicals
 - Inhibits protein synthesis
 - Inhibits ergosterol synthesis
 - None of the above
- Causative agent of Amoebiasis is
 - Plasmodium falciparum
 - Entamoeba Histolytica
 - Giardia lamblia
 - All of the above
- Trimethoprim mode of action
 - Incorporation instead of PABA
 - Dihydropterolate synthase inhibitor
 - Dihydrofolate reductase enzyme inhibitor
 - None of the above
- Sulfonamide are bacteriostatic drug
 - True
 - False
- Penicillin contains following chiral carbon (s) except
 - C-6
 - C-2
 - C-5
 - C-3
- Chloramphenicol shows
 - Hypersensitivity
 - Blood Dyscrasis
 - Grey Baby Syndrome
 - Both B and C
- Urotropine is
 - Antiviral
 - Urinary tract antiinfective
 - Antimalarial
 - Antifungal
- Isoniazid acts on
 - E. Histolytica
 - Streptomyces venezulae
 - M.Tuberculosis

- d. P.Vivax
11. In QSAR Physicochemical properties are calculated and correlated with Biological Activity
- True
 - False
12. Serendipity is
- Rational approach of drug discovery
 - Old approach of drug Discovery
 - Moder approach of drug discovery
 - None of the above
13. Identify the amino sugar containing antibiotics
- Tetracycline
 - Penicillin
 - Amphotericin B
 - Aminoglycoside
14. 5:1 is fixed dose combination ratio of
- Cotrimoxazole
 - Cotrimazine
 - Both a and b
 - Can't say
15. What does the symbol P represent in a QSAR equation?
- pH
 - Plasma concentration
 - Partition coefficient
 - Prodrug
16. Ligand based approach is Hit optimization approach
- True
 - False
17. Molecular Formula of 7-hydroxy-4-methyl coumarin
- C₆H₆O₂
 - C₁₀H₈O₃
 - C₄H₇Cl₃O
 - C₃H₃O
18. Triphenylimidazole is synthesized from
- Acetone
 - Benzil
 - Chloroform
 - Resorcinol
19. For Drawing of Chemical Structure which tool (s) is (are) used
- Chemdraw
 - Marvin Sketch
 - Chem sketch
 - All of the above
20. Pyrazinamide is
- First line Anti TB Drug
 - Second Line Anti TB Drug
 - Third Line Anti TB drugs
 - All of the above

QII. Viva Voce

15 marks



Name & Signature

Internal Examiner

(Ms. Mrunali Patil)

Name & Signature

External Examiner

(Mr. Lala Rathod)