

DBATU End Semester University Practical Examination 2020-21

Medicinal Chemistry-I (BP406P) Division B, Date-07-07-2021, Time: 01.00 PM to 05:00 PM

* Required

1. Email *

2. Name of Student *

3. R.No. *

4. Division *

5. PRN No *

6. 1. Medicinal chemistry is a science whose roots are interlinked with- * 1 point

Mark only one oval.

- A) Chemistry and Biology
 B) Technology and Biology
 C) Chemistry and Physics
 D) None of the above

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11. 6. Which of the following is an opioid antagonist? * 1 point

Mark only one oval.

- A) Codeine
 B) Methadone
 C) Fentanyl
 D) Naloxone

12. 7. Secobarbital is classified as a * 1 point

Mark only one oval.

- A) Short-acting barbiturate
 B) Long acting-barbiturate
 C) Intermediate acting barbiturate
 D) Ultra-short-acting barbiturate

13. 8. Which one of the following not a cholinergic drug * 1 point

Mark only one oval.

- A) Physostigmine
 B) Ecothipate
 C) Pilocarpine
 D) prenzepine

14. 9. Which one of the following is not the sympathomimetic agents * 1 point

Mark only one oval.

- A) Adrenaline
 B) Dopamine
 C) Isoprenaline
 D) Spheдрine

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7. 2. Which of the following is the selective antagonist of α_1 receptor * 1 point

Mark only one oval.

- A) Prazosin
 B) Yohimbine
 C) Clonidine
 D) Ergotamine

8. 3. Selective β_1 Antagonist agents are used to act on which part * 1 point

Mark only one oval.

- A) Kidney
 B) Brain
 C) Respiratory System
 D) Heart

9. 4. Phenoxybenzmine acts * 1 point

Mark only one oval.

- A) Directly on alpha receptor
 B) By irreversibly block alpha receptor
 C) By form ethylene iminium ion.
 D) All of the above

10. 5. Phenobarbital is orally administered in the treatment of _____. * 1 point

Mark only one oval.

- A) Grand mal epilepsy
 B) Petit mal epilepsy
 C) Jackson epilepsy
 D) Psychomotor epilepsy.

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15. 10. One of the following is not a triazolo benzodiazepine derivative * 1 point

Mark only one oval.

- A) Alprazolam
 B) Triazolam.
 C) Midazolam.
 D) Estazolam.

16. 11. Which of the following is prodrug is related to indomethacin? * 1 point

Mark only one oval.

- A) Piroxicam
 B) Phenylbutazone
 C) Sulindac
 D) Apirin

17. 12. Which one of the following is the example of Benzamide antipsychotics derivative? * 1 point

Mark only one oval.

- A) Barbitol
 B) Sulpieride
 C) Haloperidol
 D) Triclofos

18. 13. Starting material for synthesis of Benzimidazole * 1 point

Mark only one oval.

- A) OPD + Formic acid + NaOH
 B) OPD + Acetic acid + NaOH
 C) OPD + Benzaldehyde + Formic Acid
 D) None of the above

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19. 14. Phenothiazine with two carbon atoms separating the two nitrogen atom possess Maximum _____ efficacy. * 1 point

Mark only one oval.

- A) Antipsychotics
 B) Antihistaminic
 C) Antiadrenergic
 D) Antiparkinsonian

20. 15. The heterocyclic ring present in piroxicam are _____ * 1 point

Mark only one oval.

- A) Benzothiazine and Pyridine
 B) Benzothiazine and pyrrole
 C) Benzothiazine and pyrimidine
 D) Benzothiadiazine and imidazole

21. 16. Which of the following drug is not acetic acid derivative? * 1 point

Mark only one oval.

- A) Diclofenac
 B) Indomethacin
 C) Sulindac
 D) Ibuprofen

22. 17. Dopamine converted into Noradrenaline with the help of enzyme * 1 point

Mark only one oval.

- A) Dopa decarboxylase
 B) Hydroxylase
 C) N-Methyl transferase
 D) Beta hydroxylase

23. 18. IUPAC name of isoprotenerol * 1 point

Mark only one oval.

- A) 4-(1-hydroxy-2-(n-propylamino)ethyl)benzene-1,2-diol
 B) 4-(1-hydroxy-2-(isopropylamino)ethyl)benzene-1,2-diol
 C) 4-(1-hydroxy-2-(isopropylamino)methyl)benzene-1,2-diol
 D) 4-(1-hydroxy-2-(isopropylamino)ethyl)benzene-3,4-diol

24. 19. The barbiturates are substituted _____ derivatives. * 1 point

Mark only one oval.

- A) Butyrophenone
 B) Pyridine
 C) Pyridine
 D) Pyrimidine

25. 20. Biperidine is the example of _____ * 1 point

Mark only one oval.

- A) Sympathomimetic agent
 B) Sympatholytic agent
 C) Parasympathomimetic agent
 D) Parasympatholytic agent

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 07/07/2021
 Azim Anson