

# Online Examinations (Even Sem/Part-I/Part-II Examinations 2020 - 2021)

Course Name - Pharmaceutical Chemistry II.

Course Code - 2.2T

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Answer all the questions. Each question carry one mark.

9. 1. Which drug is used as a bronchodialator in asthma?

*Mark only one oval.*

- Salbutamol
- Propranolol
- Atropine
- Chlorpromazine

10. 2. Local anaesthetics used along with adrenaline for

*Mark only one oval.*

- Short duration of
- Prolonging the action
- For increasing therapeutic effect
- None of these

11. 3. Which antibiotic is steroidal in nature?

*Mark only one oval.*

- Fucidic acid
- Neomycin
- Rifampicin
- Gentamycin

12. 4. Which tranquilizer has muscle relaxant property?

*Mark only one oval.*

- Clorpromazine
- Haloperidol
- Diazepam
- Chlorpromazine

13. 5. Name one hypnotic drug each possessing following structural characteristics ;

*Mark only one oval.*

- An aldehyde
- a benzodiazepine derivative
- a cyclic ureide
- athiazole derivative

14. 6. Which of the following does not occur naturally?

*Mark only one oval.*

- atropine
- homatropine
- scopolamine
- hyoscyamine

15. 7. Which of the following local anesthetic is not an ester?

*Mark only one oval.*

- procaine
- lignocaine
- lidocaine
- benzocaine

16. 8. Which of the following does not contain nitrogen in its elemental composition?

*Mark only one oval.*

- Ethisterone
- Frusemide
- Quinine
- Quinidine

17. 9. Which of the following does not contain sulphur in its elemental composition?

*Mark only one oval.*

- Benzylpenicillin
- digitoxin
- threobromine
- caffeine

18. 10. Which of the following is not a pyridine derivative?

*Mark only one oval.*

- eptazol
- nicotinic acid
- nikethamide
- None of these

19. 11. Which of the following is very soluble in water?

*Mark only one oval.*

- folic acid
- nicotinic acid
- phytomenadione
- phenelzine

20. 12. Example of non-competitive inhibitor is

*Mark only one oval.*

- aspirin with COX
- disulfiram with aldehyde dehydrogenase
- theophylline for phosphodiesterase
- carbidopa for decarboxylase

21. 13. Tachyphylaxis occurs in

*Mark only one oval.*

- ephedrine
- tyramine
- nicotine
- All of these



22. 14. Placebo for a dosage form of drug

*Mark only one oval.*

- contains other substituted drug
- contains superior quality of same category
- contains no therapeutic active ingredient
- contains putrid drug

23. 15. Salicylates

*Mark only one oval.*

- Block uricosuric acid of probenecid
- Increase uricosuric acid of probenecid
- Has no effect in action of probenecid
- None of these

24. 16. Placebo effects result presumably from the

*Mark only one oval.*

- physician patient relationship
- mental set up imparted by the therapeutic setting
- mental set up imparted by the physician
- All of these

25. 17. Adverse drug reaction are

*Mark only one oval.*

- pharmacodynamic
- pharmacokinetic
- Both pharmacodynamic and pharmacokinetic
- None of these

26. 18. Adrenergic drugs are also known as

*Mark only one oval.*

- Adrenergic agonists
- sympathomimetic drugs
- Both Adrenergic agonists and sympathomimetic drugs
- None of these

27. 19. Epinephrine present in

*Mark only one oval.*

- sympathetic nervous system
- para sympathetic nervous system
- cholinergic nervous system
- anti . cholinergic nervous system

28. 20. Phenylephrine are acting on .....receptors

*Mark only one oval.*

- alpha
- beta
- gamma
- None of these

29. 21.Ephedrine and pseudoephedrine are synthesized from

*Mark only one oval.*

- phenylalanine
- tyrosine
- dopamine
- None of these

30. 22. Cholinergic drugs are producing action similar like\_\_\_\_\_

*Mark only one oval.*

- acetylcholine
- dopamine
- phenylalanine
- tyrosine

31. 23. Pilocarpine is a

*Mark only one oval.*

- cholinergic drug
- anticholinergic drug
- adrenergic drug
- None of these

32. 24. Hyoscine is derived from

*Mark only one oval.*

- datura
- scopolia
- Both datura and scopolia
- None of these

33. 25. What is meant by a lead compound in medicinal chemistry?

*Mark only one oval.*

- drug containing the element lead.
- A leading drug in a particular area of medicine.
- A compound that acts as the starting point for drug design and development
- A drug which is normally the first to be prescribed for a particular ailment.

34. 26. Which of the following drugs was not isolated from a natural source?

*Mark only one oval.*

- quinine
- morphine
- isoniazid
- artemisinin

35. 27. Ketamine is used as an anaesthetic agent in:

*Mark only one oval.*

- Ischemic heart disease
- Intracranial hemorrhage
- Hyperactive airways
- Glaucoma

36. 28. General anaesthetic is useful because it causes:

*Mark only one oval.*

- Excellent analgesia
- Unconsciousness
- Muscle relaxation and unconsciousness
- Abolition of reflexes

37. 29. All of the following are examples of prodrugs except

*Mark only one oval.*

- Levodopa
- Enalapril
- Omeprazole
- Indomethacin

38. 30. Drug of choice for hypertension crisis associated with acute nephritis:

*Mark only one oval.*

- Sodium nitroprusside
- Hydralazin
- Reserpine
- Calcium channel blocker

39. 31. What mixture of gases is used in anesthesia?

*Mark only one oval.*

- O<sub>2</sub> and N<sub>2</sub>O
- O<sub>2</sub> and CO<sub>2</sub>
- CO<sub>2</sub> and N<sub>2</sub>O
- O<sub>2</sub>, CO<sub>2</sub> and N<sub>2</sub>O

40. 32. Which of the following may be used as plasma extender?

*Mark only one oval.*

Dextrans

Na salts

Starch

Ca salts

41. 33. A rich source of vitamin A is :

*Mark only one oval.*

Lean meats

Liver

Poultry

Fish liver oils

42. 34. Cool is any temp between

*Mark only one oval.*

10-25°C

15-20°C

25-35°C

1-10°C

43. 35. Sparingly soluble means

*Mark only one oval.*

- 1 in less than 1
- 1 in 10 to 30
- 1 in 30-100
- None of these

44. 36. Chloral hydrate is a

*Mark only one oval.*

- solid
- semi solid
- liquid
- injection

45. 37. Haloperidol comes under which category

*Mark only one oval.*

- phenothiazine
- butyrophenone
- indole derive
- benzamide



46. 38. General anaesthetics are given for

*Mark only one oval.*

- reducing pain
- unresponsive to painful condition
- surgical operation
- All of these

47. 39. Cyclopropane having the formula

*Mark only one oval.*

- C<sub>4</sub>H<sub>4</sub>
- C<sub>2</sub>H<sub>4</sub>
- C<sub>3</sub>H<sub>6</sub>
- C<sub>4</sub>H<sub>8</sub>

48. 40. Thiopental sodium induced for .....anaesthesia

*Mark only one oval.*

- complete
- partial
- long duration
- None of these

49. 41. MAO means

*Mark only one oval.*

- Mono amine oxidase
- Mono acyclic oxidase
- Mono aldehyde oxidase
- None of these

50. 42. Tricyclic antidepressants are(TCA)

*Mark only one oval.*

- amitryptaline
- doxepin
- nortryptiline
- All of these

51. 43. Which antibiotic contains nitrogroup?

*Mark only one oval.*

- ampicillin
- gentamycin
- Chloramphenicol
- rifampicin

52. 44. Isoniazide is useful in the treatment of

*Mark only one oval.*

eprosy

malaria

TB

AIDS

53. 45. Which antibiotic is mainly used for typhoid fever?

*Mark only one oval.*

ampicillin

gentamycin

Chloramphenicol

rifampicin

54. 46. Chemically aspirin is

*Mark only one oval.*

carboxylic acid

ether

ester

ketone

55. 47. Vitamin D is necessary for the absorption of

*Mark only one oval.*

- calcium
- phosphorus
- Both calcium and phosphorus
- None of these

56. 48. Pethidine is a derivative of

*Mark only one oval.*

- piperidine
- pyridine
- pyrimidine
- None of these

57. 49. Diuretics drugs means

*Mark only one oval.*

- decrease urine output
- increase urine output
- increase urine
- neutralise urine output

58. 50. Mannitol diuretics should be given as

*Mark only one oval.*

- infuion and injection
- infusion and saline
- Both infuion and injection and infusion and saline
- All of these

59. 51. Hypoglycemic drugs acts on

*Mark only one oval.*

- Diabetes mellitus
- diabetes insipidus
- Both Diabetes mellitus and diabetes insipidus
- None of these

60. 52. Alpha methyl dopa is used for

*Mark only one oval.*

- hypertension
- cardiovascular disease
- Both hypertension and cardiovascular disease
- None of these

61. 53. Guanethidine, Clofibrate, Quinidine are

*Mark only one oval.*

- Cardiovascular Drugs
- Hypoglycemic Agents
- Diuretic Drugs
- None of these

62. 54. An oral antifungal agent is:

*Mark only one oval.*

- Sopronol
- Desenex
- Undecylenic acid
- Griseofulvin

63. 55.  $\beta$ -blockers are contraindicated in

*Mark only one oval.*

- Congestive cardiac failure
- Hypertension
- Anxiety
- None of these

64. 56. BAL is used for \_\_\_\_\_ poisoning.

*Mark only one oval.*

Mercury

Lead

Copper

Iron

65. 57. Drug of choice in acute attack of migraine is:

*Mark only one oval.*

Methysergide

Ergoamineartrate

Serotonin

Nicotine

66. 58. Which one of these is not given in urinary tract infection?

*Mark only one oval.*

Nalidixic acid

Nitrofurantoin

Cotrimoxazole

Tetracycline

67. 59. Which one is not a non-steroidal estrogen?

*Mark only one oval.*

- Mestranol
- Benzasterol
- Dinneserol
- Methesterol

68. 60. Which one of the following is a broad spectrum topical antifungal agent?

*Mark only one oval.*

- Miconazole
- Tolnaftate
- Naftifine
- Cilopiroxolamine

69. 61. The drug promethazine belong to the category:

*Mark only one oval.*

- Phenothiazine
- Benzamide
- Piperazine
- Zanthene



70. 62. Which one of following ring is used for Anti Malarial drugs?

*Mark only one oval.*

- Benzene ring
- Pyrrole ring
- Imidazole ring
- Quinoline ring

71. 63. Amitriptyline is an Antidepressant of having chemical structure of -

*Mark only one oval.*

- Bicyclic
- Tricyclic
- Tetra cyclic
- Pentacyclic

72. 64. Which are the following is an Antianxiolytic Agents?

*Mark only one oval.*

- Lorazepam
- Ethambutol
- Imipramine Hcl
- Meprobamate

73. 65.RANTIDINE acts as

*Mark only one oval.*

- H1 Histamine agonist
- H2-Histamine antagonist
- H1 agonist
- proton pump inhibitor

74. 66. Heparin, Thrombin , Warfarin are

*Mark only one oval.*

- Cardiovascular Drugs
- Hypoglycemic Agents
- Anti-Coagulants
- None of these

75. 67. Indomethacin\*, phenylbutazone\*, Oxyphenbutazone, Ibuprofen are

*Mark only one oval.*

- Cardiovascular Drugs
- Hypoglycemic Agents
- anti-inflammatory Agents
- None of these

76. 68. Aldosterone is a

*Mark only one oval.*

- glucocorticoid
- mineralocorticoids
- hydroxycorticone
- All of these

77. 69. Inflammation caused by

*Mark only one oval.*

- PGA2
- PGI2
- PGE2
- None of these

78. 70. NSAIDS means

*Mark only one oval.*

- Non-steroidal anti-infection Agents
- Non-steroidal anti-inflammatory Agents
- Non-stimulatory anti-infection Agents
- None of these

79. 71. Drugs used in acute gout is

*Mark only one oval.*

- Aspirin
- Indomethacin
- Phenyl butazone
- Allopurinol

80. 72. Which of the following is a high ceiling diuretic?

*Mark only one oval.*

- Thiazide
- Spiranolactone
- Diamox
- Frusemide

81. 73. Penicillin is the drug of choice for

*Mark only one oval.*

- Scarlet fever
- Whooping cough
- Typhoid
- Brucellosis

82. 74. Alcohol should not be given with

*Mark only one oval.*

- Sulphonamides
- Clouidine
- Metronidazole
- Reserpine

83. 75. Streptomycin was discovered by

*Mark only one oval.*

- Robert Koch
- Alexander Fleming
- S.A.Waksman
- Louis Pasteur

84. 76. Dapsone is a

*Mark only one oval.*

- Non-steroidal anti-infection Agents
- Antileprotic Drugs
- Diagnostic Agent
- None of these

85. 77. Evans blue is a .....dye

*Mark only one oval.*

- sulphha
- nito
- azo
- None of these

86. 78. PAS

*Mark only one oval.*

- p-amino salicylic acid
- p-amino butyic acid
- p-amino sulpha acid
- None of these

87. 79. Busulphan, Chlorambucil, Cisplatin are

*Mark only one oval.*

- Antifungal agents
- Antimalarial Drugs
- Anti-Neoplastic Drugs
- None of these

88. 80. Natural anthelmintic drugs are

*Mark only one oval.*

- albendazole
  - mebendazole
  - ivermectin
  - None of these
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