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

Course Name - - Pharmaceutical Chemistry- I Course Code - 1.2T

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- Diploma in Pharmacy
- Bachelor of Pharmacy
- B.TECH.(CSE)
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- BCA
- B.SC.(CS)
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- B.Sc.(MM)
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- B.A.(JMC)
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- B.OPTOMETRY
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- B.SC.(MLT)
- B.SC.(MRIT)
- B.SC.(PA)
- 🔵 LLB
- B.SC.(MSJ)
- Bachelor of Physiotherapy
- B.SC.(AM)
- Dip.CSE
- Dip.ECE

DIP.EE

DIP.ME

- .. . - -

- PGDHM
- MBA
- M.SC.(BT)
- M.TECH(CSE)
- M.A.(JMC)
- M.A.(ENG)
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- M.SC.(MB)
- MCA
- M.SC.(MSJ)
- M.SC.(AM)
- M.SC.CS)
- M.SC.(ANCS)
- M.SC.(MM)
- B.A.(Eng)

Answer all the questions. Each question carry one mark.

9. 1.The first edition of I.P. was published in the year of-

- 1947
- ______ 1945
- 0 1955
- 1954

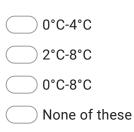
10. 2.pH of blood is-

Mark only one oval.



11. 3.As per I.P., refrigerated temperature is-

Mark only one oval.



12. 4.N2 gas is used over the product during storage to prevent-

Mark only one oval.

Oxidation

Methylation

- Reduction
- None of these

13. 5.Topically zinc sulphate is used as-

Mark only one oval.

Antacid

- Adsorbents
- Astringent
- Preservative
- 14. 6.Milk of magnesia is a common name of-

Mark only one oval.

- Suspension of Magnesium hydroxide
- Suspension of magnesium carbonate
- Suspension of magnesium oxide
- None of these
- 15. 7.Which of the following indicator is used during the assay of KMnO4?

- Methyl Orange
- Self-Indicator
- Mucilage of Starch
- None of these

16. 8.Radioactivity is measured by

Mark only one oval.

lonization chamber

- Scintillation counter
- G.M Counter
- All of these
- 17. 9.Lead acetate cotton used for the limit test of

Mark only one oval.

- Arsenic
 Heavy metals
 Lead
 Iron
- 18. 10.Thioglycolic acid is used for the limit test of

Mark only one oval.

Lead

Iron

🔵 Sulphar

19. 11.Which one used as a systemic acidifier?

Mark only one oval.

🔵 Sodium acetate

- 📃 Sodium lactate
- Ammonium Chloride
- Sodium Chloride
- 20. 12. Which one of these inorganic saltspossesses sedative action?

Mark only one oval.

- Sodium citrate
- Potassium bromide
- Calcium phosphate
- None of these
- 21. 13. Muriatic acid is also known as-

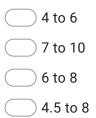
Mark only one oval.

HCI

- HN03
- None of these

22. 14.pH range of urine generally lies between-

Mark only one oval.



23. 15.The synonym of ZnSO4, 7H2O is-

Mark only one oval.

- Blue Vitriol
- Mohr's salt
- White Vitriol
- Green Vitriol
- 24. 16.Alum contains water of which concentration?

- 24 moles
- 7 moles
- 12 moles
- 10 moles

25. 17.Example of iodophore

Mark only one oval.

- Strong solution of lodine
- Lugol's solution
- Povidone iodine
- All of these
- 26. 18. Solubility of boric acid is increased by-

Mark only one oval.

- Hot water HCI Glycerol
- Alcohol
- 27. 19. Alum is commonly used as-

- Anti-infective
- Astringent
- Protectives
- All of these

28. 20.Selenium sulphide is used as-

Mark only one oval.

Astringent

- Antifungal
- Antidandruff
- Antibacterial
- 29. 21.Which one of the following ingredient is used in the preparation of mouth washes and gargles?

Mark only one oval.

- Aluminium sulphate
- Boric acid
- Alum
- Calamine
- 30. 22.Sodium potassium tartrate is used for-

- Astringent
- Protective & adsorbent
- Saline cathertics
- None of these

31. 23.MgO is used as

Mark only one oval.

Protective

- ____ Laxative
- 🔵 Antacid
- laxative and antacid
- 32. 24.On heating zinc carbonate gives-

Mark only one oval.

- Zinc oxide Zinc metal Zinc bicarbonate
- None of these
- 33. 25.Titanium dioxide is mainly used as

- Adsorbent
- Protective
- Astringent
- Disinfectant

34. 26.Zinc oxide is used in dusting powder as-

Mark only one oval.

Anti-infective

- Astringent
- Deodorant
- Astringent and topical protectant
- 35. 27.In the limit test for chloride, standard solution is a

Mark only one oval.

- 0.0824%w/v sodium chloride solution
- 5.85%w/v sodium chloride solution
- 1% hydrochloric acid solution
- 1M hydrochloric acid solution
- 36. 28.Simethicone, used in antacid formulation

Mark only one oval.

🔵 oil

_____ silicone

- alcohol
- none of these

37. 29.Bleaching powder is prepared by action of chlorine on

Mark only one oval.

Calcium carbonate

- Calcium hydroxide
- Calcium oxide
- Calcium chloride
- 38. 30.Light kaolin differs from heavy kaolin in the following aspects-

Mark only one oval.

\subset	Bulk density
\subset	Purity
\subset	Particle size
(All of these

39. 31.Which one of the following is used as a surgical aid?

Mark only one oval.

Barium chloride

Plaster of Paris

Calcium phosphate

None of these

40. 32.Chemically washing soda is

Mark only one oval.

📃 Sodium carbonate

- Sodium sulphite
- Sodium bicarbonate
- 📄 Soda lime
- 41. 33.Purified water is prepared by

Mark only one oval.

- Distillation
 Filtration
 Ion exchange resin
- All of these
- 42. 34.Chemically caustic soda is known as-

Mark only one oval.

NaOH

КОН

Na2C03

NaHCO3

43. 35.Which one of the following substance is a self-indicator?

Mark only one oval.

KMnO4
 Sodium thiosulphate
 Iodine

- Sodium chloride
- 44. 36.Which of the following is used in radiation sterilization?

Mark only one oval.

- α-rays
 β-rays
- 🔵 X-rays
- 🔵 Gamma rays
- 45. 37.Xylenol indicator is used in -

- Complexometric titration
- Precipitation titration
- Redox titration
- None of these

46. 38.Glycerol is added in the assay of boric acid

Mark only one oval.

- To speed up the reaction with titrant
- To get sharp end point
- To make stronger acid
- None of these

47. 39.Sulpher is used as

Mark only one oval.

- Astringent
- Scabicide
- Protective
- All of these
- 48. 40.In the limit test for sulphate, standard solution is-

- Sodium sulphate solution
- 0.01N Sulphuric acid solution
- 0.01M sulphuric acid solution
- 0.181 % W/V Potassium sulphate

49. 41.Standard solution of arsenic contain

Mark only one oval.

Arsenious acid
Arsine
Arsenic acid

- Arsenic oxide
- 50. 42.Sodium dihydrogen phosphate is used as

Mark only one oval.

- Astringent
- Source of phosphorus
- Urinary acidifier
- None of these
- 51. 43.Sodium citrate on strong heating gives

- 🔵 Sodium carbonate
- Sodium bicarbonate
- Sodium oxide
- None of these

52. 44.Milk of magnesia is a common name for

Mark only one oval.

- Suspension of magnesium hydroxide
- Suspension of magnesium oxide
- Suspension of magnesium carbonate
- None of these

53. 45.Prepared chalk is

Mark only one oval.

- Calcium oxide+ calcium carbonate
- Calcium carbonate + calcium chloride
- Calcium carbonate
- None of these

54. 46.Rochella salt is

- Potassium sodium tartrate
- Antimony potassium tartrate
- Antimony sodium tartrate
- None of these

55. 47.Kaolin is

Mark only one oval.

Hydrated aluminium silicate

- Hydrated magnesium silicate
- Hydrated aluminium and silicon oxide
- None of these
- 56. 48.Which one of the anion is most abundant in human body?

Mark only one oval.

- Chloride
- Carbonate
- 🔵 Bicarbonate
- Citrate
- 57. 49.Sodium chloride hypertonic injection contain

- 0.9%w/v sodium chloride
- 1.6 %w/v sodium chloride
- 2.6%w/v sodium chloride
- 5.0%w/v sodium chloride

58. 50.Hypokalemia occur due to deficiency of

Mark only one oval.

Sodium

- Potassium
- Sodium and potassium
- Magnesium
- 59. 51. Which one of the following is a major cation in intracellular fluid?

Mark only one oval.

\subset	Potassium
\subset	Sodium
\subset	Magnesium
(Calcium

60. 52. Mordant blank is used in the titration of

Mark only one oval.

Calcium lactate

Sodium acetate

Ammonium chloride

None of these

61. 53.Green vitriol is

Mark only one oval.

Copper sulphate

- Magnesium sulphate
- Ferrous sulphate
- Sodium sulphate
- 62. 54. Ferrous salt with organic acid is preferred, because they are-

Mark only one oval.

\bigcirc	Less	astringent
\bigcirc	Less	irritant
\bigcirc	More	potent

- Less astringent and less irritant
- 63. 55.Potassium iodide is used as-

Mark only one oval.

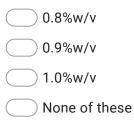
Diuretics

Expectorant

- Disinfectant
- None of these

64. 56.An isotonic solution of ammonium chloride contains

Mark only one oval.



65. 57.CuSO4, 5H2O is blue in colour due to presences of -

Mark only one oval.

\bigcirc	Copper
\bigcirc	Water of hydration

- _____,
- ____ Moisture
- None of these
- 66. 58.Zinc sulphate is used as -

- Astringent
- Adsorbent
- Preservatives
- Antidote

67. 59.Sodium thiosulphate is _____ in nature.

Mark only one oval.

Deliquescent

Efflorescent

Hygroscopic

Deliquescent in moisture but efflorescent in dry air

68. 60.Dry ice is a solid form of -

Mark only one oval.



____ Oxygen

📃 Helium

- None of these
- 69. 61.Tests in quality control department perform as per the monograph, called-

Mark only one oval.



🔵 Pharmacopoeia

Domestic Compondiums

Drug Master file

70. 62.Quality control establish a drug depending upon-

Mark only one oval.

Assay content

- Impurity profile
- validation protocol
- All of these
- 71. 63.Difference between the experimental mean and a true value is known as-

Mark only one oval.

- Variation criteria
 Absolute error
 percentage of error
- ______ specific error
- 72. 64.Reproducable result of a analysis is called as-

Mark only one oval.

Accuracy

Robustness

Precision

Ruggedness

73. 65.Small differences in the series of measurements made by the same analyst under identical condition is-

Mark only one oval.

- relative error
- Operative error
- indeterminate error
- _____ chemical error
- 74. 66.Sodium bicarbonate is used as

Mark only one oval.

- Electrolyte replenisher
- Systemic alkaliser
- 🔵 Antacid
- All of these
- 75. 67.Washing soda is-

- Sodium sulphite
- Sodium carbonate
- Sodium bi carbonate
- 🔵 Sodalime

76. 68.Borox is used as -

Mark only one oval.

📃 Antifungal

- Anti diarrhoea
- Antibacterial
- None of these
- 77. 69.Which one of these is a desiccant?

Mark only one oval.

- 🔵 Silicon di oxide
- Calcium oxide
- Sodium hydroxide
- Silicon di oxide and Calcium oxide
- 78. 70.Which inorganic salt is used as Expectorant?



- Nal
- NaNO2

79. 71.Sodium lactate is used as-

Mark only one oval.

Sodium supplement

Electrolyte replimisher

Astringent

- Expectorant
- 80. 72.lodine generally used as-

Mark only one oval.

- antibacterial
- antimicrobial and antacid
- anti infective and local germicide
- none of these
- 81. 73.Ammonium chloride is used as-

- Caugh and cold
- Analgesic and Antipyratic
- Expectorant and diuretic
- All of these

82. 74.Radioactive element is produced from-

Mark only one oval.

\bigcirc	nutron	activation

gamma radiation

🕖 X-ray

- All of these
- 83. 75.Barium sulphate is used as-

Mark only one oval.

- X-ray detector
- diagnostic acid
- Electrolyte replimisher
- None of these
- 84. 76.When H2 and O2 is combined to form water, about ______ calories are evolved per mole of water formed

- 59000
- 68000
- 55000
- 58000

85. 77. Which of the following component belongs from the class of Zeolite?

Mark only one oval.

📃 Sodium carbonate

- Calcium carbonate
- Aluminium silicate
- Sodium meta aluminate
- 86. 78.Water act as a great solvent for wide range of substances. This is due to its

Mark only one oval.

- low dielectric constant and polarity
- high dielectric constant
- high nature of polarity
- Both high dielectric constant and polarity
- 87. 79.calomel(mercurous chloride) acts as a-

- saline carthartics
- purgative
- laxative
-) antacids

88. 80.Which of the following could be best appropriate pH of an acidic buffer solution?

Mark only one oval.

\bigcirc	8
\bigcirc	7
\bigcirc	Less than 7
\bigcirc	7 and less then 7

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