

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

Course Name - --Pharmaceutics- I

Course Code - 1.1T

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Answer all the questions. Each question carry one mark.

9. 1.The meaning of the word “Pharmacon” is

Mark only one oval.

- Dose
- Drug
- Book
- Make

10. 2.The emulsion meant for external use should be

Mark only one oval.

- O/W type
- W/O type
- Without emulsifier
- Without preservative

11. 3.Sweet aromatic preparations are commonly known as -

Mark only one oval.

- Lotions
- Inhalations
- Liniments
- Elixir

12. 4.Viscous liquid preparation meant for relief of cough is known as-

Mark only one oval.

- Liniments
- Snuffs
- Linctuses
- Lotions

13. 5.The first U.S.P. was published in:

Mark only one oval.

- Spanish
- Greek
- French
- English & Latin

14. 6.The Indian Pharmacopoeial List was published as a supplement to:

Mark only one oval.

- British Pharmacopoeia
- Indian Pharmacopoeia
- United States Pharmacopoeia
- Japan Pharmacopoeia

15. 7.In metric system, 1 table spoonful is equal to

Mark only one oval.

- 5 ml
- 10 ml
- 15 ml
- 20 ml

16. 8. In the preparation of Mandl's throat paint, glycerine is used as-

Mark only one oval.

- Base
- Solvent
- Flavouring agent
- Active ingredient

17. 9. Which one of the following is commonly used to maintain the viscosity of nasal solution?

Mark only one oval.

- Gelatin
- Water
- Methyl Cellulose
- Alcohol

18. 10. Which one of the following is an isotonic solution?

Mark only one oval.

- 0.5 % NaCl solution
- 0.9 % NaCl solution
- 1.5 % NaCl solution
- 2.0 % NaCl solution

19. 11.Which of the following gas is being liberated as effervescence?

Mark only one oval.

- Nitrogen
- Carbon-dioxide
- Oxygen
- Mythen

20. 12.In the preparation of dentifrices, calcium carbonate is used as-

Mark only one oval.

- Foaming agent
- Abrasive substance
- Preservative
- Glidant

21. 13.Which one of the following is not used as a vehicle for liquid dosage forms?

Mark only one oval.

- Peppermint water
- Chloroform water
- Liquefied phenol
- Purified water

22. 14.Humectants can -

Mark only one oval.

- Reduce the particle size of powder
- Increase the thickness of the ointment
- Prevent drying of the cream
- Increase the spread of the coat over tablet

23. 15.The suitable mill for size reduction of Rouwolfia is -

Mark only one oval.

- Roller mill
- Ball mill
- Cutter mill
- Colloid mill

24. 16.For fine powders, all the particles must pass through sieve no-

Mark only one oval.

- 22
- 44
- 85
- 120

25. 17. In sieving method, the powder is passed through a set of sieves which are arranged

Mark only one oval.

- In descending order
- At random
- In ascending order
- None of these

26. 18. Ball mill works in the principle of –

Mark only one oval.

- Impact
- Crushing
- Cutting
- Impact and attrition

27. 19. Transmission of gases, vapours, liquids through plastic packaging system is known as

Mark only one oval.

- Permeation
- Leaching
- Sorption
- Alteration

28. 20. "Impact" is the mechanism of size reduction for which of the following mill?

Mark only one oval.

- Roller mill
- Cutter mill
- Hammer mill
- Fluid energy mill

29. 21. The efficiency of ball mill is maximum at -

Mark only one oval.

- Low speed
- 2/3rd of speed
- High speed
- Very high speed

30. 22. Narrow metal bridges are used in-

Mark only one oval.

- Lug cap
- Crown cap
- Roll on closure
- Pilfer proof closure

31. 23.In cyclone separator, a powder is separated depending on its-

Mark only one oval.

- Particle size
- Density
- Particle size and density
- Shape

32. 24.Containers meant for storage of injectables are made of-

Mark only one oval.

- Lime- soda glass
- Type II glass
- Type IV glass
- Type I & Type II glass

33. 25.Collapsible tubes made from lead is not used in pharmaceutical packaging due to -

Mark only one oval.

- Inferior metal
- Soft nature
- Risk of poisoning
- Inferior appearance

34. 26. Air-tight sealed containers are used for

Mark only one oval.

- Tablets
- Injectables
- Capsules
- Liquid preparations

35. 27. Which of the following is used as lining materials for aluminium made collapsible tubes?

Mark only one oval.

- Polyethylene glycols
- Tin
- Epoxides
- Polypropylene

36. 28. Cork is obtained from the bark of

Mark only one oval.

- Rubber tree
- Cinchona tree
- Pine tree
- Oak tree

37. 29. Borosilicate glass is -

Mark only one oval.

- Inferior in nature
- Soft in nature
- Type I glass
- Inferior in appearance

38. 30. Roller mill works on the principle of -

Mark only one oval.

- Impact
- Attrition
- Compression
- Compression and attrition

39. 31. In which one of the following mill, no wear occurs -

Mark only one oval.

- Ball mill
- Fluid energy mill
- Edge runner mill
- Roller mill

40. 32.The degree of particle size of a powder is expressed in the pharmacopoeia in the form of -

Mark only one oval.

- Sieve number
- Nominal mesh aperture size of sieve
- Sieving area
- Amount of powder pass through sieve

41. 33.If 40 % of powder passes through sieve no 85, the powder sample is termed as -

Mark only one oval.

- Fine powder
- Moderately fine powder
- Coarse powder
- Very fine powder

42. 34.Which of the following type of glass is having highest melting point?

Mark only one oval.

- Type I
- Type II
- Type III
- Type IV

43. 35. Select a mill for a low melting drug

Mark only one oval.

- Hammer mill
- Roller mill
- Ball mill
- Fluid energy mill

44. 36. According to IP/BP very fine powder is -

Mark only one oval.

- All particles pass through 120# sieve
- 90% particles pass through 350# sieve
- All particles pass through 350 # sieve
- 90% particles are of size $<10\mu\text{m}$

45. 37. Gyration is a method of _____.

Mark only one oval.

- Drying
- Distillation
- Agitation
- Size reduction

46. 38. Mixing of powders is a necessary step in the preparation of-

Mark only one oval.

- Tablets
- Creams
- Syrups
- Emulsions

47. 39. In colloid mill, the rotational speed varies between-

Mark only one oval.

- 1000 - 5000
- 2000 - 10000 rpm
- 3000- 15000
- 3000 - 20000 rpm

48. 40. Fine emulsion can be prepared from coarse emulsion by using-

Mark only one oval.

- Planetary mixer
- Tumbling mixer
- Homogeniser
- Ribbon blender

49. 41.Surface tension is expressed in-

Mark only one oval.

- Centi poise
- Dynes/ cm
- Poise
- N/m²

50. 42.Which of the following is not a mixing mechanism?

Mark only one oval.

- Diffusion
- Shear
- Conduction
- Convection

51. 43.Vortex formation is a common problem in-

Mark only one oval.

- Size reduction
- Solid mixing
- Liquid mixing
- Size separation

52. 44.The rate of filtration increases, if the viscosity of the liquid _____

Mark only one oval.

- Decreases
- Increases
- Does not alter
- Initially increases then decreases

53. 45.Filter candles are also known as-

Mark only one oval.

- Ceramic filter
- Meta filter
- Filter cloth
- Plate filter

54. 46.Filtration is an unit operation commonly used for collecting-

Mark only one oval.

- Filtrate
- Particulate matter
- Precipitate
- Slurry

55. 47.The fluid flows through the filter medium by the virtue of:

Mark only one oval.

- Potential difference across the membrane
- Potential difference across the filter
- Temperature difference across the filter
- Volume difference across the filter

56. 48.On what aspect of pressure does the filter leaf work?

Mark only one oval.

- Atmospheric pressure
- Negative pressure
- Normal pressure
- Pressure is zero

57. 49.Cellulose membrane filter is an example for which type of filtration?

Mark only one oval.

- Cake filtration
- Decantation filtration
- Depth filtration
- Screen filtration

58. 50.The efficacy of filtration increases if:

Mark only one oval.

- Compressibility of solid is high
- Filter aid is added to slurry
- Filter medium is used
- None of the these

59. 51.Which one of the following is not an Ayurvedic dosage form?

Mark only one oval.

- Asavas
- Bhasma
- Soft gelatin capsule
- Vatikas

60. 52.In simple percolation method, drug : percolate ratio is

Mark only one oval.

- 0.042361111111111111
- 0.043055555555555555
- 0.04375
- 0.044444444444444444

61. 53.A costly drug should be extracted by -

Mark only one oval.

- Maceration
- Infusion
- Decoction
- Percolation

62. 54.In multiple maceration process, alcohol is used in the concentration of -

Mark only one oval.

- 10 - 20 %
- 15 - 30 %
- 20 - 25 %
- 30 - 50 %

63. 55.The insoluble material that remains after extraction is called as -

Mark only one oval.

- Marc
- Solvent
- Maceration
- Filtrate

64. 56. Concentrated infusion is generally prepared by -

Mark only one oval.

- Double or triple maceration
- Percolation
- Simple maceration
- Infusion

65. 57. Tincture of orange is prepared by -

Mark only one oval.

- Decoction
- Infusion
- Simple maceration
- Percolation

66. 58. Preparation of fine emulsion from coarse emulsion is called as-

Mark only one oval.

- Size reduction
- Homogenization
- Mixing
- Creaming

67. 59. Triple roller mill is used for the preparation of-

Mark only one oval.

- Suspension
- Ointment
- Powders
- Solution

68. 60. Integrity tests are intended for following filters:

Mark only one oval.

- Leaf filters
- Drum filters
- Membrane filters
- Edge filter

69. 61. Which one of the following is not a filter aid?

Mark only one oval.

- Diatomite
- Carbon
- Gelatin
- Asbestos

70. 62. When a substance is dissolved in a liquid, the vapour pressure of the liquid is -

Mark only one oval.

- Decreased
- Increased
- Unchanged
- Initially increase then decrease

71. 63. Fractional distillation is used for separation of -

Mark only one oval.

- Immiscible liquids
- Miscible liquids
- Sticky oils
- High viscous liquids

72. 64. Liquid which decompose at or below their boiling point are purified by-

Mark only one oval.

- Distillation under reduced pressure
- Simple distillation
- Fractional distillation
- Steam distillation

73. 65. Removal of small amount of moisture from sample is known as-

Mark only one oval.

- Drying
- Distillation
- Filtration
- Conduction

74. 66. In drying, rate of moisture evaporation becomes equal to rate of diffusion at-

Mark only one oval.

- First falling rate period
- Second falling rate period
- Equilibrium moisture content
- Constant rate period

75. 67. Hot spots are formed during which of the following period?

Mark only one oval.

- Constant rate period
- First falling period
- Initial readjustment period
- Second falling period

76. 68. In drying process, the final product is in the form of-

Mark only one oval.

- Slurry
- Solid
- Solution
- Solvent concentrate

77. 69. Which one of the following is non-thermal drying?

Mark only one oval.

- Fluidized bed dryer
- Spray drying
- Vacuum drying
- Tray drying

78. 70. In which of the following evaporator, formation of vapour film is assisted by gravitational force?

Mark only one oval.

- Climbing film evaporator
- Falling film evaporator
- Horizontal film evaporator
- Multiple effect evaporator

79. 71. Calandria consists a number of-

Mark only one oval.

- baffles
- jackets
- Outlets
- Tubular surface

80. 72. Freeze drying works on the principle of

Mark only one oval.

- Evaporation of water
- Sublimation of water from ice phase to gas phase
- Liquefaction of ice to water
- Heating at the freezing temperature of water

81. 73. Mantoux test is carried out for -

Mark only one oval.

- Diphtheria
- Tuberculosis
- Cholera
- Hay fever

82. 74. In moist heat method, the minimum holding time to sterilize injection at 121 °C is

-

Mark only one oval.

- 15 minutes
- 20 minutes
- 30 minutes
- 60 minutes

83. 75. The children in the age group between 2 - 5 years are susceptible to -

Mark only one oval.

- Yellow fever
- Hepatitis
- Tuberculosis
- Diphtheria

84. 76. Which one of the following gas is used for sterilization?

Mark only one oval.

- Nitrogen
- Oxygen
- Ethylene oxide
- Carbon di-oxide

85. 77.Which of the following is a carbohydrate-based binder?

Mark only one oval.

- Gelatin A
- PVP
- Gelatin B
- Albumin

86. 78.In dry milling the moisture content should be

Mark only one oval.

- <2%
- <4%
- <6%
- <8%

87. 79.The speed of a friabilator is -

Mark only one oval.

- 10 r.p.m.
- 25 r.p.m
- 50 r.p.m.
- 100 r.p.m.

88. 80.A good quality tablet should have friability

Mark only one oval.

<0.8 %

> 1%

> 2%

> 5%

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