

FINAL ANSWER KEY

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1. Soxhlet extraction is otherwise known as:

- A) Reserved percolation
- B) Continuous hot percolation
- C) Modified maceration
- D) Multiple maceration

Correct Answer : Option B

2. Which route of drug administration ensures a 100 % bioavailability?

- A) Oral
- B) Sublingual
- C) Intravenous
- D) Rectal

Correct Answer : Option C

3. Barium sulphate reagent used in the limit test for Iron contains

- A) BaSO₄, KCl and sulphate free alcohol
- B) BaSO₄, K₂ SO₄ and sulphate free alcohol
- C) BaCl₂, KCl and sulphate free alcohol
- D) BaCl₂, K₂ SO₄ and sulphate free alcohol

Correct Answer : Option D

4. In VED analysis, E stands for?

- A) Eliminable
- B) Efficient
- C) Economic
- D) Essential

Correct Answer : Option D

5. Name a β -lactamase inhibitor used to treat infections caused by bacteria that produce β -lactamase enzyme

- A) Cefotaxime
- B) Ampicillin
- C) Sulbactam
- D) Cefixime

Correct Answer : Option C

6. Classification of crude drugs based on relationship between chemical constituents of plants and their taxonomical status are called.....
- A) Chemotaxonomy
 - B) Serotaxonomy
 - C) Cytotaxonomy
 - D) Linnaean taxonomy

Correct Answer : Option A

7. Which of the following crude drug is often substituted with Cassia bark?
- A) Cinchona
 - B) Arjuna
 - C) Cinnamon
 - D) Quassia

Correct Answer : Option C

8. The other name of Tocopherol is
- A) Vitamin D
 - B) Vitamin A
 - C) Vitamin E
 - D) Vitamin K

Correct Answer : Option C

9. is used medically as a radiocontrast agent in X- ray imaging of G I tract.
- A) Barium chloride
 - B) Barium sulphate
 - C) Barium nitrate
 - D) Barium carbonate

Correct Answer : Option B

10. The transactions in a ledger are recorded:
- A) Year wise
 - B) Month wise
 - C) Account wise
 - D) Amount wise

Correct Answer : Option C

11. Name an Anti-tubercular drug which act by inhibiting mycobacterial DNA dependent RNA polymerase
- A) Rifampicin
 - B) Isoniazid
 - C) Streptomycin
 - D) Ethambutol

Correct Answer : Option A

- 12.** Zidovudine is a
- A) Non nuclease reverse transcriptase inhibitor
 - B) Nucleoside reverse transcriptase inhibitor
 - C) Fusion inhibitor
 - D) Retroviral protease inhibitor

Correct Answer : Option B

- 13.** Name the Programme/database used to prevent the excessive supplies and unauthorized dispensing of narcotics and controlled substances.
- A) Indus Medicus
 - B) NLM
 - C) DAWN
 - D) MEDIPHER

Correct Answer : Option C

- 14.** What is the major constituent present in Ispaghula husk?
- A) Mucilage
 - B) Alkaloids
 - C) Volatile oils
 - D) Tannins

Correct Answer : Option A

- 15.** Which amino acid is present in wool?
- A) Alanine
 - B) Methionine
 - C) Tyrosine
 - D) Cysteine

Correct Answer : Option D

- 16.** Steam distillation is used for:
- A) Separation of two immiscible liquids.
 - B) Concentration of thermolabile extracts.
 - C) Separation of two miscible liquids.
 - D) Preparation of Water for Injection.

Correct Answer : Option A

- 17.** Individual prescription order system is used in the hospital to distribute medicines to.....
- A) Out-patients
 - B) Ambulatory patients
 - C) Ex- service man
 - D) In-patients

Correct Answer : Option D

18. Which of the following businessmen have unlimited liability in regard to the debts?

- A) Active partner
- B) Sole proprietor
- C) Karta
- D) All of the above

Correct Answer : Option D

19. Reddish orange, tasteless, odourless powder used as a haematinic agent

- A) Ferrous ascorbate
- B) Ferrous sulphate
- C) Ferrous fumarate
- D) Ferrous gluconate

Correct Answer : Option C

20. Name a chemotherapeutic agent which enhances the polymerization of tubulin protein

- A) Paclitaxel
- B) Vincristine
- C) 5-Fluorouracil
- D) Doxorubicin

Correct Answer : Option A

21. A kavacha is:

- A) An advertisement.
- B) A magic remedy.
- C) A drug.
- D) An ailment.

Correct Answer : Option B

22. Small Unilamellar Vesicles is an example of:

- A) Resealed erythrocytes
- B) Buccal strips
- C) Liposomes
- D) Implants

Correct Answer : Option C

23. Which phenolic ether compound present in the volatile oil of Fennel?

- A) Fenchone
- B) Linalool
- C) Borneol
- D) Anethole

Correct Answer : Option D

- 24.** Name a drug which is misused by the athletes to enhance physical ability
- A) Sildenafil
 - B) Finasteride
 - C) Clomiphene citrate
 - D) Stanozolol

Correct Answer : Option D

- 25.** A state of increased discomfort and decreased efficiency are called as...?
- A) Panic attacks
 - B) Lethargy
 - C) Gooseflesh
 - D) Yawning

Correct Answer : Option B

- 26.** Which among the following is true in the case of a cooperative society?
- A) The chief of the society is known as proprietor.
 - B) The liability of the members is limited.
 - C) The business activities can be done in a secret manner.
 - D) The shares of the members can be transferred to others.

Correct Answer : Option B

- 27.** Which is not a constituent of ORS?
- A) Calcium chloride
 - B) Sodium chloride
 - C) Potassium chloride
 - D) Sodium citrate

Correct Answer : Option A

- 28.** Name a cholinesterase reactivator used in organophosphate poisoning
- A) Neostigmine
 - B) Pralidoxime
 - C) Atropine
 - D) D-tubocurarine

Correct Answer : Option B

- 29.** Which of the following is a book of original entry?
- A) Journal
 - B) Ledger
 - C) Balance sheet
 - D) Trial balance

Correct Answer : Option A

30. The Indian Pharmacopoeial List was published in the year:

- A) 1955
- B) 1946
- C) 1951
- D) 1944

Correct Answer : Option B

31. Which chemical test is used to identify adulterants in Honey?

- A) Fiehe's test
- B) Shinoda test
- C) Phenazone test
- D) Murexide test

Correct Answer : Option A

32. "It is the persistent or sporadic excessive drug use inconsistent with or unrelated to medical practice".

- A) Drug misuse
- B) Drug abuse
- C) Drug habituation
- D) Drug addiction

Correct Answer : Option B

33. Which among the following drug has maximum efficiency in inhibiting gastric juice secretion.

- A) Ranitidine
- B) Pantoprazole
- C) Misoprostol
- D) Sucralfate

Correct Answer : Option B

34. Sudden withdrawal of _____ causes acute adrenal crisis.

- A) Anti coagulants
- B) Cephalosporins
- C) Vancomycin
- D) Corticosteroids

Correct Answer : Option D

35. Name a Type III antiarrhythmic drug used in the prolongation of effective refractory period in heart.

- A) Amiodarone
- B) Propafenone
- C) Quinidine

D) Esmolol

Correct Answer : Option A

36. Which of the following is a major constituent of Dioscorea?

- A) Digitonin
- B) Diosgenin
- C) Digoxin
- D) Dioscin

Correct Answer : Option B

37. Identify the chemical formula of a compound used as an antidote.

- A) NaNO_3
- B) NaNO_2
- C) N_2O
- D) KNO_3

Correct Answer : Option B

38. Which among the following is an objective of budgeting?

- A) Production
- B) Purchase
- C) Control
- D) Advertising

Correct Answer : Option C

39. The standard unit for weighing in the Imperial system is:

- A) Gallon
- B) Drachm
- C) Pound
- D) Minim

Correct Answer : Option C

40. Name the specific antidote for Benzodiazepine.

- A) Flumazenil
- B) Dimercaprol
- C) Pralidoxime hydrochloride
- D) N – acetyl cystein

Correct Answer : Option A

41. Cotton fibers are separated from seeds by.....

- A) Plucking
- B) Ginning
- C) Cropping

D) Shearing

Correct Answer : Option B

42. Which among the following is true in the case of a balance sheet?

- A) It shows debit and credit balances of an account.
- B) It shows liabilities and assets of a business.
- C) It is not a document recognized by the court.
- D) It is used to check the arithmetical accuracy of an account.

Correct Answer : Option B

43. The antithyroid drug which inhibits the peripheral conversion of T4 to T3

- A) Methimazole
- B) Propylthiouracil
- C) Carbimazole
- D) Radioactive iodine

Correct Answer : Option B

44. Van-Urk's reagent is used for the identification of

- A) Ephedra
- B) Ergot
- C) Atropa
- D) Colchicum

Correct Answer : Option B

45. Name the agranulocyte involved in antibody production

- A) T lymphocytes
- B) B lymphocytes
- C) Platelets
- D) Basophils

Correct Answer : Option B

46. Name the enzyme which is responsible for Phenytoin – Folic acid interaction.

- A) Alcohol dehydrogenase
- B) Intestinal conjugate
- C) Pencillinase
- D) Mono amino oxidase

Correct Answer : Option B

47. Which of the following is an alkaloidal amine?

- A) Morphine
- B) Atropine
- C) Ephedrine

D) Cocaine

Correct Answer : Option C

48. An emetic used in the treatment of Schistosomiasis

- A) Antimony potassium tartrate
- B) Sodium metaphosphate
- C) Sodium potassium tartrate
- D) Sodium metabisulphite

Correct Answer : Option A

49. A mixture of is used as an antidote in CO poisoning

- A) $\text{CO}_2 + \text{N}_2\text{O}$
- B) $\text{O}_2 + \text{N}_2\text{O}$
- C) $\text{CO}_2 + \text{O}_2$
- D) $\text{CO}_2 + \text{NO}_2$

Correct Answer : Option C

50. Which of the following is a nominal account?

- A) Purchase account
- B) Sales account
- C) Salary account
- D) All of the above

Correct Answer : Option D

51. What is the normal value of Erythrocyte sedimentation rate in male as per Wintrobe method?

- A) 3 – 5 mm/hr
- B) 4 -7 mm/hr
- C) 0- 9 mm/hr
- D) 2 – 20 mm/hr

Correct Answer : Option C

52. The amount of blood ejected from each ventricle in a minute is known as

- A) Ejection fraction
- B) Stroke volume
- C) Cardiac out put
- D) End diastolic volume

Correct Answer : Option C

53. Which instrument is used for making incisions on the unripe capsules of the opium poppy?

- A) Nushtur
- B) Scalpel

- c) Charpala
- d) Rake

Correct Answer : Option A

54. Composition of Mayer's reagent is

- A) Potassium bismuth iodide
- B) Potassium mercuric iodide
- c) Picric acid
- D) Potassium lead iodide

Correct Answer : Option B

55. Name the part of brain which controls body temperature?

- A) Cerebellum
- B) Cerebrum
- c) Medulla oblongata
- D) Hypothalamus

Correct Answer : Option D

56. Who act as the Secretary of Pharmacy and therapeutic committee?

- A) Pharmacist
- B) Nurse
- c) Physician
- D) Hospital administrator

Correct Answer : Option A

57. The method for preparing a solution of intermediate strength from two solutions is known as:

- A) Homogenisation
- B) Levigation
- c) Comminution
- D) Alligation

Correct Answer : Option D

58. Dicyclomine comes under which category of drug

- A) Anticholinergic drug
- B) Cholinergic agonist
- c) Adrenergic agonist
- D) Adrenergic antagonist

Correct Answer : Option A

59. Which is the most suitable type of glass for packing injections?

- A) Borosilicate glass
- B) Neutral glass

- c) Sulphured glass
- D) Lime soda glass

Correct Answer : Option A

60. As per IP, Calamine is Zinc oxide with a small proportion of

- A) Calcium carbonate
- B) Calcium oxide
- c) Ferrous oxide
- D) Ferric oxide

Correct Answer : Option D

61. The first Drug information center is established in which country.

- A) India
- B) United Kingdom
- c) United States of America
- D) Australia

Correct Answer : Option C

62. Topical medicament spray is an example of:

- A) Space spray
- B) Foam spray
- c) Metered dose spray
- D) Surface spray

Correct Answer : Option D

63. A 'reference check' is a method to:

- A) Assess a candidate prior to recruitment.
- B) Check an account for its accuracy.
- c) Assess a business by its partners.
- D) Check the stock level prior to reorder.

Correct Answer : Option A

64. An antioxidant used in adrenaline injections is

- A) SO₂
- B) SO₃
- c) Na₂S₂O₃
- D) Na₂S₂O₅

Correct Answer : Option D

65. A disintegrator mill works on the principle of:

- A) Impact
- B) Attrition

- c) Cutting
- d) Combined impact and attrition

Correct Answer : Option A

66. "Excess fluid in the abdominal cavity".

- A) Asthenia
- B) Aneurysm
- c) Ascites
- D) Abscess

Correct Answer : Option C

67. Hydrogen peroxide is assayed by type of titrations.

- A) Precipitation
- B) Complexometric
- c) Neutralisation
- D) Redox

Correct Answer : Option D

68. Which among the drug is a selective β_1 blocker

- A) Propranolol
- B) Isoprenaline
- c) Metoprolol
- D) Prazosin

Correct Answer : Option C

69. A cyclone separator works on the principle of:

- A) Agitation
- B) Centrifugation
- c) Elutriation
- D) Gyration

Correct Answer : Option B

70. Penicillin G is not administered orally because it is

- A) inactivated by penicillinase enzyme
- B) destroyed by gastric acid
- c) a narrow spectrum antibiotic
- D) not palatable when taken orally

Correct Answer : Option B

71. Day carrier in cold management system used to carry.....

- A) Human excreta
- B) Vaccines

- c) Intra uterine devices
- D) Surgical dressings

Correct Answer : Option B

72. The mechanism of action of Salbutamol is

- A) Selective β_2 stimulant
- B) Selective β_1 stimulant
- c) Selective β_1 blocker
- D) Selective β_2 blocker

Correct Answer : Option A

73. DEC used as an anthelmintic contains heterocyclic ring in its structure.

- A) Piperazine
- B) Piperidine
- c) Pyridine
- D) Pyrazine

Correct Answer : Option A

74. A linctus is an example of:

- A) Monophasic liquid dosage form for internal use.
- B) Semisolid dosage form for topical use.
- c) Bulk powder for internal use.
- D) Biphasic liquid dosage form for external use.

Correct Answer : Option A

75. "An infection transmissible from vertebrate host to man under natural conditions" is called as

- A) Zoonosis
- B) Pandemic
- c) Endemic
- D) Sporadic

Correct Answer : Option A

76. Tolu balsam belongs to the family.....

- A) Leguminosae
- B) Acanthaceae
- c) Styraceae
- D) Burseraceae

Correct Answer : Option A

77. Intra nasal vaccine is used in which disease condition

- A) Whooping cough
- B) Diphtheria

- c) Mumps
- D) Influenza

Correct Answer : Option D

78. Which Cinchona alkaloid is used as a cardiac depressant?

- A) Quinine
- B) Quinidine
- c) Quinovin
- D) Cinchonine

Correct Answer : Option B

79. Desipramine is the main active metabolite of

- A) Amitriptyline
- B) Nortriptyline
- c) Imipramine
- D) Trimipramine

Correct Answer : Option C

80. The causative organism for Amoebiasis is

- A) Corynebacterium diphtheriae
- B) Entamoeba histolytica
- c) Ascaris lumbricoids
- D) Clostridium perfringens

Correct Answer : Option B

81. Which drug is marketed under the trade name Largactil?

- A) Chlorpheniramine
- B) Chlorpromazine
- c) Clofibrate
- D) Chloramphenicol

Correct Answer : Option B

82. Gum hypertrophy is an ADR of which drug

- A) Diazepam
- B) Phenobarbitone
- c) Valproic acid
- D) Phenytoin

Correct Answer : Option D

83. Which among the following is an ingredient of effervescent granules?

- A) Magnesium sulphate
- B) Purified talc

- c) Sodium bicarbonate
- D) Sodium chloride

Correct Answer : Option C

84. The requirements to start a drug store in India is prescribed in:

- A) Schedule D
- B) Schedule P
- c) Schedule M
- D) Schedule N

Correct Answer : Option D

85. Acid fast staining was discovered by.....

- A) Robert Kosch
- B) Alexander Fleming
- c) Louis Pasteur
- D) Paul Ehrlich

Correct Answer : Option D

86. Which one of the following exists as liquid?

- A) Glyceryl trinitrate
- B) Paraldehyde
- c) Clofibrate
- D) All of the above

Correct Answer : Option D

87. Membrane filtration is a method used for:

- A) Sterilisation
- B) Sterility testing
- c) Both A and B
- D) None of the above

Correct Answer : Option C

88. The Pharmacy Act was passed in the year:

- A) 1931
- B) 1948
- c) 1940
- D) 1918

Correct Answer : Option B

89. In which year "The water (prevention and control of pollution) Act" is enacted.

- A) 1975
- B) 1940

- C) 1974
- D) 1945

Correct Answer : Option C

90. Lignocaine contains the chemical group

- A) Amide
- B) Ester
- C) Lactone
- D) Amine

Correct Answer : Option A

91. The mechanism of action of Entacapone is

- A) COMT inhibitor
- B) GABA agonist
- C) Dopaminergic agonistx
- D) Antihistamine

Correct Answer : Option A

92. In first aid, ABC formula stands to demonstrate

- A) Always better control
- B) Anytime breathing circulation
- C) Airway blocking cardiac massage
- D) Airway breathing cardiac massage

Correct Answer : Option D

93. Tablet triturates are:

- A) Tablets used for preparing emulsions.
- B) Granules ready for compression into tablets.
- C) Multilayered tablets.
- D) Moulded tablets.

Correct Answer : Option D

94. The Pharmacy Education Regulations are prepared by:

- A) Government of India
- B) Pharmacy Council of India
- C) Drugs Controller General of India
- D) Drugs Technical Advisory Board

Correct Answer : Option B

95. Oral hypoglycemics are used in the treatment of.

- A) CHF
- B) Diabetes mellitus

- C) Atherosclerosis
- D) Hypertension

Correct Answer : Option B

96. The study of human population is known as

- A) Demography
- B) Family planning
- C) Anthropology
- D) Metrology

Correct Answer : Option A

97. The English meaning of the Latin term “Collyrium” is:

- A) Eye wash
- B) Mouth wash
- C) Nose wash
- D) Ointment

Correct Answer : Option A

98. Which alkaloid from opium is used as an Antitussive?

- A) Thebaine
- B) Methyl morphine
- C) Morphine
- D) Vasicine

Correct Answer : Option B

99. Iopanoic acid is used as a contrast medium in radiography of

- A) liver
- B) lungs
- C) gall bladder
- D) kidney

Correct Answer : Option C

100. Name an atypical antipsychotic drug

- A) Triflupromazine
- B) Chlorpromazine
- C) Clozapine
- D) Trifluperidol

Correct Answer : Option C

101. Methamphetamine is a

- A) Psychotropic substance.
- B) Narcotic drug.

- c) Manufactured drug.
- D) None of the above.

Correct Answer : Option A

102. A folic acid antagonist used in cancer therapy is

- A) Cyclophosphamide
- B) Methotrexate
- c) Doxorubicin
- D) Daunorubicin

Correct Answer : Option B

103. The Government Opium factory is situated in:

- A) Lucknow
- B) Chandigarh
- c) Ghazipur
- D) Ghaziabad

Correct Answer : Option C

104. The cholinergic blocker used in prevention and treatment of motion sickness is

- A) Hyoscine
- B) Physostigmine
- c) Promethazine
- D) Pilocarpine

Correct Answer : Option A

105. The Latin expansion for the abbreviation "h.s." is:

- A) Hora somni
- B) Homni sora
- c) Hora singulis
- D) Homo sapiens

Correct Answer : Option A

106. The fat soluble vitamin used to treat osteomalacia in adults is

- A) vitamin A
- B) vitamin D
- c) vitamin E
- D) vitamin K

Correct Answer : Option B

107. The chief of the opium cultivators in a locality is known as:

- A) Zamindar
- B) Sahukar

- C) Pattidar
- D) Lambardar

Correct Answer : Option D

108. act as an efficient source of energy when stored in adipose tissue.

- A) Lipids
- B) Carbohydrates
- C) Proteins
- D) Aminoacids

Correct Answer : Option A

109. How many ATP are produced by oxidation of one molecule palmitic acid?

- A) 36
- B) 38
- C) 129
- D) 120

Correct Answer : Option C

110. Which among the following is used as a suppository base?

- A) Wool fat
- B) Beeswax
- C) Soft paraffin
- D) Cocoa butter

Correct Answer : Option D

111. An Adulterated drug is a drug which:

- A) Holds the name of another drug.
- B) Contains a poisonous substance.
- C) Contains a false label claim.
- D) Is an imitation of another drug.

Correct Answer : Option B

112. Name a leukotriene antagonist used in bronchial asthma

- A) Sodium cromoglycate
- B) Salbutamol
- C) Montelukast
- D) Fluticasone propionate

Correct Answer : Option C

113. Which among the following is used as an ingredient of Compound Tragacanth Powder?

- A) Gum Acacia
- B) Bentonite

- C) Pectin
- D) Carbomer

Correct Answer : Option A

114. Which coenzyme directly participates in transamination reactions?

- A) ATP
- B) AMP
- C) Acetyl co A
- D) Pyridoxal phosphate

Correct Answer : Option D

115. Which is a 5-HT₃ antagonist used in the management of vomiting

- A) Domperidone
- B) Cisapride
- C) Sumatriptan
- D) Ondansetron

Correct Answer : Option D

116. Name the neurotransmitter released in neuromuscular junction

- A) Acetylcholine
- B) Norepinephrine
- C) Dopamine
- D) GABA

Correct Answer : Option A

117. The Phase-volume ratio is a term used to denote the:

- A) Solid content in a suspension.
- B) Stability of an emulsion.
- C) Quantity of vehicle in a mixture.
- D) Sucrose concentration in a syrup.

Correct Answer : Option B

118. Sitagliptin is a

- A) DPP-4 inhibitor
- B) GLP-1 agonist
- C) PPAR- γ agonist
- D) α -glucosidase inhibitor

Correct Answer : Option A

119. Schedule P of the Drugs and Cosmetics Rules refer to:

- A) Standards for mechanical contraceptives.
- B) Good manufacturing Practices of Homoeopathic medicines.

- c) Life period of drugs.
- D) Requirements to run a retail pharmacy.

Correct Answer : Option C

120. Lanolin is otherwise known as:

- A) Petrolatum
- B) Hydrated Wool fat
- c) Theobroma oil
- D) Anhydrous Wool fat

Correct Answer : Option B