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1. Which one of the following drugs has little effect on beta adrenoreceptors ?
(A) Epinephrine (B) Fenoterol (C) Isoproterenol (D) Dopamine
2. Which one of the following drug is **not** useful in treating cardiac arrhythmia ?
(A) Quinidine (B) Propranolol (C) Digoxin (D) Timolol
3. Which drug is used in treating acute gout ?
(A) Reserpine (B) Ergotamine (C) Colchicine (D) Cocaine
4. What are the drugs used in myocardial infarctions ?
(A) Propranolol (B) Aspirin (C) Budesonide (D) Both (A) and (B)
5. Which is the most appropriate drug to rapidly reverse bronchoconstriction ?
(A) Cromolyn inhalation (B) Propranolol oral
(C) Albuterol inhalation (D) Methyl prednisolone I.V
6. Which is the Drug of choice in acute anginal pain ?
(A) Sublingual Nitroglycerine (B) Isosorbide dinitrate oral
(C) Diltiazem oral (D) Orciprenaline inhalation
7. Which of the following one is not a use of Aspirin ?
(A) Analgesic (B) Antipyretic (C) Thrombolytic (D) Antitussive
8. Which one of the following drugs is an antifungal agent ?
(A) Clofazimine (B) Cotrimazole (C) Cotrimazine (D) Clotrimazole
9. Which one of the following drugs is used in leprosy ?
(A) Dapsone (B) Isoniazid (C) Ethambutol (D) Pyrazinamide

10. Select most suitable category for Tramadol ?
(A) Opioid analgesic (B) Antiarrhythmic drug
(C) Non-narcotic analgesic (D) Antiepileptic drug
11. Which drug used in treating mental depression ?
(A) Fluoxetine (B) Amitriptylline (C) Amyl nitrite (D) Both (A) and (B)
12. What is the use of Carbamazepine ?
(A) Mental depression (B) Epilepsy
(C) Amoebic dysentery (D) Diarrhoea
13. What is the use of metronidazole ?
(A) Amoebic dysentery (B) Filariasis
(C) Malaria (D) Hookworm infections
14. Which is the drug of choice for treating filariasis ?
(A) Mebendazole (B) Praziquantel
(C) Diethyl carbamazine (D) Piparazine
15. Which drug is used in treating malaria ?
(A) Emetine (B) Ranitidine (C) Quinine (D) Cimetidine
16. Which Antibacterial agent used in typhoid fever ?
(A) Ciprofloxacin (B) Chloramphenicol
(C) Cotrimoxazole (D) All of the above
17. Cotrimoxazole is a combination drug of :
(A) Trimethoprim and Sulphamethoxazole
(B) Trimethoprim and Sulphadiazine
(C) Trimethoprim and Sulphamoxole
(D) All of the above
18. Iodine is a constituent of which hormone ?
(A) Thyroid hormone (B) Insulin
(C) Oxytocin (D) Corticosteroids

19. Which antibacterial agent act by preventing the synthesis of bacterial folic acid ?
(A) Ampicillin (B) Sulphamethoxazole
(C) Cephalexin (D) Vancomycin
20. What is the use of Clavulanic acid in Amoxicillin-Clavulanic acid combination drug ?
(A) Betalactamase inhibitor (B) Antibacterial agent
(C) Cell wall synthesis inhibitor (D) Protein synthesis inhibitor
21. Which Vitamin involved in the biosynthesis of blood clotting factors ?
(A) Vitamin A (B) Vitamin B12
(C) Vitamin K (D) Vitamin E
22. Which Bark drug has antimalarial activity ?
(A) Cassia bark (B) Cinnamon bark
(C) Cinchona bark (D) Quillaia bark
23. Which alkaloid gives Emerald green colour in Thalleoquin test ?
(A) Quinazoline alkaloid (B) Quinoline alkaloid
(C) Indole alkaloid (D) Tropane alkaloid
24. Which drug contain Reserpine ?
(A) Rauwolfia bark (B) Pyrethrum
(C) Neem (D) Asoka
25. Which one of the following crude drug contains cardiac glycoside ?
(A) Aloe (B) Senna (C) Digitalis (D) Cascara
26. Which one of the following is an unorganised drug containing Anthraquinone glycoside ?
(A) Aloe (B) Senna (C) Cascara (D) Asafoetida
27. Which crude drug used as dental analgesic ?
(A) Clove (B) Colchicum (C) Opium (D) Brahmi

28. Among the following alkaloids which one is identified by Vitali-Morin reaction ?
 (A) Atropine (B) Caffeine (C) Psychotrine (D) Brucine
29. Which crude drug contain Sympathomimetic alkaloid ?
 (A) Nuxvomica (B) Ergot (C) Belladonna (D) Ephedra
30. Which alkaloid has cytotoxic activity ?
 (A) Ajmalicine (B) Vincristine (C) Serpentine (D) Cephaeline
31. What is the use of Ergometrine ?
 (A) Emetic (B) Antineoplastic agent
 (C) Oxytocic (D) Expectorant
32. Which one of the following is an unorganized drug from umbelliferae family ?
 (A) Aloe (B) Benzoin (C) Asafoetida (D) Catechu
33. What is the synonym for Lanolin ?
 (A) Hydrous wool fat (B) Purified balsam
 (C) Oleo gum resin (D) Anhydrous woolfat
34. Which is the source of Emetine ?
 (A) Strychnos nuxvomica (B) Plantago ovata
 (C) Cephaelis ipecacuanha (D) Adhatoda vasica
35. Which one of the following drug has immunomodulatory activity ?
 (A) Aswagandha (B) Punarnava (C) Coriander (D) Arjuna
36. Which one of the crude drug has blood cholesterol lowering property ?
 (A) Garlic (B) Gymnema (C) Shatavari (D) Shankpushpi
37. Among the Crude drug which one has antioxytocic property ?
 (A) Vasaka (B) Nutmeg (C) Shatavari (D) Ergot

38. Among the following which one is adulterant of Digitalis ?
 (A) Digitalis lanata (B) Verbascum thapsus
 (C) Phytolacca decandra (D) Ailanthus glandulosa
39. Which is the source of Ergot ?
 (A) Dried sclerotium of the fungus Claviceps purpurea
 (B) Gelidium amansii
 (C) Aegle marmelose
 (D) Ferula foetida
40. Morphine is obtained from which crude drug ?
 (A) Cannabis (B) Opium (C) Coca (D) Liquorice
41. Which one of the following is adulterant of acacia ?
 (A) Ghatti gum (B) Karaya gum (C) Chitral gum (D) Katria gum
42. Which one of the following is a fruit drug from Umbelliferae family ?
 (A) Cardamom (B) Coriander (C) Amla (D) Pepper
43. What is the required amount of Concentrated Hydrochloric acid needed to prepare 100 ml of 10% w/v dilute hydrochloric acid ? Strength of Con.HCl=36.5% W/W and its specific gravity is = 1.17 :
 (A) 10 ml (B) 27.39 ml (C) 23.41 ml (D) 31.19 ml
44. Which part of Prescription gives direction to pharmacist ?
 (A) Superscription (B) Subscription
 (C) Inscription (D) All parts of prescription
45. 1 Pint is equal to :
 (A) 1000 ml (B) 250 ml (C) 500 ml (D) 350 ml
46. 2 Table-spoonful is equal to :
 (A) 1 Fluid ounce (B) 2 Fluid ounce (C) 1 Fluid drachm (D) 2 Fluid drachm

47. Which one of the following is an emulsifying agent in Turpentine Liniment B.P. ?
 (A) Turpentine oil (B) Camphor (C) Acacia (D) Soft soap
48. What is the use of Sodium citrate in Calamine Lotion B.P. ?
 (A) Deflocculating agent (B) Suspending agent
 (C) Soothing agent (D) Astringent
49. Which preparation among the following has the Synonym Lysol ?
 (A) Aqueous Iodine Solution I.P. (B) Sodium Chloride Solution I.P.
 (C) Camphor Water I.P. (D) Cresol with soap solution I.P.
50. Mandl's paint is the synonym for which preparation ?
 (A) Crystalviolet paint (B) Phenol Glycerin paint
 (C) Tannic acid glycerin paint (D) Compound Iodine paint
51. What is the use of Sodium bicarbonate in Sodium bicarbonate Glycerine Ear drops ?
 (A) Antacid (B) Antiseptic
 (C) Softening the earwax (D) Cleansing agent
52. Potassium chlorate included in gargles for what purpose ?
 (A) A weak astringent (B) To restore the tone of relaxed throat
 (C) To relieve dryness (D) All of the above
53. Which one of the following is an emulgent in cold cream ?
 (A) Triethanolamine (B) Borax soap
 (C) Cetimide (D) Cetostearyl alcohol
54. Which ointment does not include white soft paraffin as a base ?
 (A) Paraffin ointment (B) Atropine sulphate eye ointment
 (C) Cetrimide ointment (D) Calamine and Coal tar ointment
55. Which one of the following ointment is an antifungal with keratolytic activity ?
 (A) Strong Iodine ointment (B) Whitefield's ointment
 (C) Paraffin ointment (D) Cetrimide ointment

56. Which identifying test is specific for o/w emulsion ?
(A) Miscibility test (B) Staining test
(C) Electrical conductivity test (D) None of these
57. Which one is the best emulsifying agent for oral emulsion ?
(A) Acacia (B) Tragacanth (C) Beeswax (D) Woolfat
58. What is the dose for a 3 year old child if the adult does of a drug is 5 grain ?
(A) 0.1 grain (B) 0.5 grain (C) 1.5 grain (D) 1 grain
59. How many grams of an ointment 0.18% of active ingredients must be mixed with 50 grams of an ointment containing 0.14% of active ingredient to make a product containing 0.15% of an active ingredient ?
(A) 17.8 gm (B) 16.7 gm (C) 20.3 gm (D) 26.3 gm
60. What is the dose for a 9 month old infant if the average adult does is 25 mgm ?
(A) 2.5 mgm (B) 1.5 mgm (C) 4.5 mgm (D) 3.5 mgm
61. Calculate the volume of 95% alcohol required to prepare 600 ml of 70% alcohol ?
(A) 442.10 ml (B) 250 ml (C) 175 ml (D) 379 ml
62. What is the amount of base and medicament required to prepare 6 cocoa butter Bismuth subgallate suppositories each containing 300 mgm drug and weight is 1 gm. Displacement value of Bismuth subgallate is 3.
(A) Bismuth subgallate 2.4 gm and Cocoa butter 8 gm.
(B) Bismuth subgallate 2.4 gm and Cocoa butter 7.2 gm.
(C) Bismuth subgallate 2.4 gm and Cocoa butter 6 gm.
(D) Bismuth subgallate 1.8 gm and Cocoa butter 5.2 gm.
63. Which one of the following is an enteric coating polymer ?
(A) Hydroxy propyl methylcellulose
(B) Hydroxyethyl methylcellulose
(C) Hydroxy propyl methylcellulose phthalate
(D) Hydroxy propylcellulose

64. Which is the favourable temperature for storage of B.C.G. Vaccine ?
(A) 8°C and 25°C (B) 2°C and 8°C (C) 25°C and 30°C (D) -15°C
65. Desferrioxamine is used against which metal poisoning ?
(A) Copper poisoning (B) Cyanide poisoning
(C) Mercury poisoning (D) Iron poisoning
66. Which one of the following is an expectorant in cough mixture ?
(A) Sodium chloride (B) Calcium chloride
(C) Sodium bicarbonate (D) Ammonium chloride
67. Which one of the following is a systemic antacid ?
(A) Calcium carbonate (B) Magnesium carbonate
(C) Sodium bicarbonate (D) Aluminium hydroxide
68. Among the following which one is Milk of Magnesia ?
(A) Magnesium carbonate (B) Magnesium hydroxide
(C) Magnesium citrate (D) Magnesium sulphate
69. What is the use of dilute nitric acid in chloride limit test ?
(A) To give turbidity
(B) To prevent precipitation of other acid radicals
(C) To precipitate chlorides
(D) To give yellow colour
70. Which equipment is used for preparation of emulsion ?
(A) Triple roller mill (B) Colloidal mill
(C) Propeller mixer (D) Double cone Blender
71. Among the following which method is used in dry granulation ?
(A) Soxhlation (B) Rotary die process
(C) Homogenisation (D) Slugging

72. Which method used to sterilize surgical dressings ?
(A) Dry heat sterilization (B) Pasteurisation
(C) Tyndallisation (D) Autoclaving
73. In which year Drug and Cosmetic act was passed ?
(A) 1945 (B) 1940 (C) 1985 (D) 1948
74. Which of the following is the duty of drug inspector ?
(A) To analyse test samples and drugs
(B) To advise government on technical matter
(C) To grant licence for sale of drug
(D) Inspection of premises licensed for the sale of drug
75. Which one of the following is the objective of pharmacy act ?
(A) To give permission for sale of drug through pharmacy
(B) To give licence for manufacture of drugs
(C) To frame education regulation and practical training to persons entering in the pharmacy
(D) To give licence for sale of drugs
76. Surfactant with which HLB value used as O/W emulsifying agent ?
(A) 3-8 (B) 8-16 (C) 16-18 (D) 7-9
77. "Good manufacturing practices" laid down in which schedule ?
(A) R (B) X (C) F (D) M
78. Schedule P is for :
(A) Disinfectant fluids (B) Dyes in cosmetics
(C) Life period of drugs (D) Medical devices
79. Which schedule specifies list of prescription drugs ?
(A) G (B) D (C) H (D) K

80. Shedule N specifies :
- (A) Premises for manufacture of bulk drugs
 (B) Premises for manufacture of narcotic drugs
 (C) Premises for manufacture of ayurvedic drugs
 (D) Equipments and premises for pharmacy
81. The social reformer whom Gandhiji called 'Pulayaraja' is :
- (A) Sahodaran Ayyappan (B) Ayyankali
 (C) K. Kelappan (D) Agamananda
82. The Mutt founded by Shankaracharya in Mysore is :
- (A) Sringeri (B) Saradha (C) Govardhana (D) Jyothir
83. The revolutionary slogan "No Caste, No Religion and No God" was raised by :
- (A) Sree Narayana Guru (B) Sahodaran Ayyappan
 (C) Ayyankali (D) Brahmananda
84. Which among the following is associated with Chattampi Swamikal ?
- (A) Krishnan Namboothiri (B) Kunhan Pillai
 (C) K.Ramakrishna Pillai (D) C.V. Govinda Pillai
85. The Savarna Jatha of Mannath Padmanabhan was started at :
- (A) Vaikom (B) Sivagiri (C) Aruvippuram (D) Chembazhanthy
86. The owner of 'Swadeshabhimani' newspaper is :
- (A) Mohammed Abdurahiman sahib
 (B) K.P. Kesavamenon
 (C) Moidu Moulavi
 (D) Vakkom Abdul Kadar Moulavi
87. Who led the 'Pattini Jatha' from Kannur to Madras ?
- (A) K. Kelappan (B) E.M.S. Namboodiripadu
 (C) A.K.Gopalan (D) P.Krishna Pillai

88. The year of Temple Entry Proclamation in Travancore is :
(A) 1946 (B) 1942 (C) 1936 (D) 1924
89. Which of the following is known as 'diamond city' ?
(A) Ahemadabad (B) Delhi (C) Bangalore (D) Surat
90. The largest organ of the human body is :
(A) Skin (B) Liver (C) Heart (D) Brain
91. The Book 'Hortus Malabaricus' was prepared by :
(A) Portuguese (B) Dutch (C) French (D) British
92. The theme of the novel 'Ananda Mutt' written by Bankim Chandra Chatterjee is :
(A) Fakir Rebellion (B) Santhal Rebellion
(C) Poligar Revolt (D) Sanyasi Revolt
93. Which of the following movement was connected with the 'Keezhariyur Bomb Case' in Malabar ?
(A) Non Co-operation Movement (B) Home Rule Movement
(C) Quit India Movement (D) Civil Disobedience Movement
94. Night Blindness is related to :
(A) Vitamin A (B) Vitamin C (C) Vitamin D (D) Vitamin K
95. The Chief Election Commissioner of India is :
(A) B.B. Tandon (B) T. N. Sheshan (C) S.Y. Quraishi (D) V.S. Sampath
96. The gas which is used in ice plant is :
(A) Ammonia (B) Nitrogen
(C) Oxygen (D) Carbon Monoxide

97. The Present Chairman of State Bank of India is :
- (A) Arun Kaul (B) Arundhathi Bhattacharya
(C) D. Sarkar (D) Manjula Chellur
98. The only keralite mentioned in the autobiography of Mahatma Gandhi is :
- (A) C. Shankaran Nair (B) K. Kelappan
(C) G. P. Pillai (D) V. K. Krishna menon
99. The social reformer who born at Chempazhanthy ?
- (A) Sree Narayana Guru (B) K. Kelappan
(C) Ayyankali (D) V. T. Bhattathirippadu
100. The social reformer who was known as 'Kerala Gandhi' is :
- (A) T. K. Madhavan (B) K. Kelappan
(C) Dr. Palpu (D) Kumaranasan

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