

1. Melatonin is produced by
A) pituitary gland B) pineal gland C) lymph node D) parathyroid gland
2. Parathyroid hormone control the metabolism of
A) iron B) potassium C) calcium D) copper
3. In eukaryotes , cellular respiration takes place in
A) nucleus B) mitochondria C) cell membrane D) all of the above
4. Which of the following combination of drugs are commonly prescribed for the treatment of Parkinson's disease?
A) dopamine and levodopa B) dopamine and carbidopa
C) Levodopa and Lamotrigine D) levodopa and carbidopa
5. One of the following hormone is not secreted by the adenohypophysis
A) growth hormone B) prolactin C) Oxytocin D) FSH
6. The flavenoid present in pterocarpus is
A) epicatechin B) Malvidin C) Luteolin D) Naringenin
7. The active metabolite of Imipramine is
A) Nortriptyline B) Amitriptyline C) Desipramine D) Alloxanthin
8. Identify the drug which act by inhibiting mycolic acid synthesis
A) Isoniazid B) Norfloxacin C) Lincomycin D) Ethambutol
9. Which among the following is also known as a natural detergent?
A) Flavone glycoside B) Phenol glycoside
C) cyanogenetic glycoside D) Saponin glycoside
10. Which among the following is an Acridine containing reversible anticholinesterase?
A) Parathion B) Tacrine C) Endrophonium D) pyridostigmine
11. Identify the test for cardiac glycosides
A) Kedde's test B) Raymond's test C) Baljet test D) All of the above
12. Growth hormone is secreted by
A) anterior pituitary B) thyroid gland C) parathyroid gland D) posterior pituitary
13. Anxiolytics are used to treat
A) Neurosis B) psychosis C) Narcolepsy D) bipolar disorders
14. Antibiotics that inhibit cell walls synthesis except
A) cefuroxime B) Erythromycin C) vancomycin D) benzyl penicillin
15. The reciprocal of coefficient of viscosity is called
A) fluidity B) surface tension C) parachor D) Reciprocity
16. Ravandchini is common name for
A) Aloe B) Rhubarb C) Cascara D) Cinnamon
17. In Alzheimer's disease which peptide level is elevated
A) Alpha haemoglobin B) alpha amino adipate
C) bata amyloid D) beta alanine
18. Following are the adulterants of digitalis leaves except
A) Thevetia narifolia B) primula vulgaris
C) verbuscum thapus D) symphytum officinale
19. A synthetic disaccharide containing galactose and Fructose is
A) lactase B) lactulose C) lactose D) lactate
20. The anti microbial activity of penicillin is due to
A) Thiazolidine ring B) Beta lactam ring C) 6 – APA D) None

- 21. Identify the source of the Saigon cinnamon**
A) Cinnamomum loureirii B) cinnamomum burmannii
C) Cinnamomum zeylanicum D) cinnamomum verum
- 22. The antibiotic that is Highly Effective in treating the bubonic plague is**
A) penicillin B) Erythromycin C) Tetracycline D) Chloramphenicol
- 23. Citric acid is used in limit test for iron**
A) to prevent the precipitation of iron
B) to reduce ferric iron to ferrous iron
C) to develop purple colour
D) to make the medium alkaline
- 24. The specific muscarinic receptor responsible for the constriction of pupil is**
A) M2 B) M4 C) M3 D) M5
- 25. Clavulanic Acid is**
A) potent inhibitor of cell wall transpeptidase
B) inactivate bacterial beta lactamase
C) specific for Gram Negative organisms
D) none of the above
- 26. Which one of these Leukocytes is present in a major concentration**
A) Eosinophils B) lymphocytes C) Neutrophils D) Basophils
- 27. Identify the Anti HIV drug which is a entry Inhibitor**
A) Indinavir B) Ropinavir C) Maraviroc D) Zidovudine
- 28. Which one of these type of stomata is present in belladonna leaves?**
A) Anisocytic B) Anomocytic C) cruciferous D) All of the above
- 29. Identify the number of isoprene units in sesquiterpenes**
A) 2 B) 3 C) 4 D) 1
- 30. Sabin is _____ type of vaccine**
A) live B) subunit C) killed D) All
- 31. Foxglove leaves is a synonym for**
A) Digitalis B) senna C) hyoscyamus D) Belladonna
- 32. Which of the following is a Nona peptide hormone produced by posterior pituitary gland?**
A) Vasopressin B) prolactin C) Aldosterone D) thyroxine
- 33. Sultamicillin is a _____ prodrug**
A) Macromolecular B) Bioprecursor C) Mutual D) Carried linked
- 34. The ganglionic blocking drug act by**
A) preventing nerve conduction in post ganglionic segment
B) preventing release of acetylcholine
C) competing with acetylcholine at neuromuscular Junction
D) preventing catecholamine release
- 35. The term “Non proprietary” is used for**
A) patent name B) generic name C) trademark name D) brand name
- 36. Which is a penicillinase resistant antibiotic?**
A) Benzylpenicillin B) Methicillin C) Ampicillin D) Phenoxymethyl penicillin

37. An example of sulphonylurea
A) Metformin B) Tolbutamide C) Rosiglitazone D) Repaglinide
38. Which among the following drugs shows clinically important drug interactions due to narrow safety margin?
A) Phenytoin B) Tolbutamide C) Digoxin D) Theophylline
39. Which among the following is an example of a succulent fruit?
A) senna B) Nux vomica C) strophanthus D) aconite
40. Peripheral neuritis of INH therapy in tuberculosis can be prevented by giving
A) Vitamin B1 with INH B) vitamin B2 with INH
C) Vitamin B6 with INH D) vitamin B12 with INH
41. Compounds that are not superimposable Mirror image are known as
A) Enantiomers B) Diastereomers C) Metamers D) All
42. The methods for dose adjustment are based on an accurate estimation of the _____ in impaired renal patients
A) clearance B) volume of distribution C) area under curve D) bioavailability
43. Identify the most active Erythromycin
A) Erythromycin A B) Erythromycin B C) Erythromycin C D) Erythromycin D
44. One of the following is a precursor for the synthesis of fatty acids
A) Lypoyl CoA B) Acyl CoA C) Palmitoyl CoA D) Acetyl CoA
45. Which of the following is an aryl acetic acid NSAID?
A) ketorolac B) pyroxicam C) Diclofenac D) Ibuprofen
46. Disease is caused by bordetella pertussis
A) whooping cough B) Diphtheria C) chicken pox D) Tuberculosis
47. Aloe belongs to family
A) Liliaceae B) Rubiaceae C) Apocynaceae D) Rutaceae
48. Non-competitive enzyme inhibitor is
A) Allopurinol B) carbidopa C) physostigmine D) Acetazolamide
49. The substance binding to one receptor subtype as an agonist and to another as an antagonist is called
A) competitive antagonist B) Irreversible antagonist
C) agonist antagonist D) partial agonist
50. Which antibody is found at the highest concentration in serum
A) IgG B) IgM C) IgE D) IgD
51. Identify the anti cancer drug obtained from the Marine source
A) ATX – II B) Eunicin C) Ara-C D) Eptaretin
52. Mode of action of mebendazole is
A) binding to 30s ribosomal subunit and inhibiting Protein synthesis
B) inhibiting anaerobic generation of ATP of parasites
C) hyperpolarization of parasites muscles by GABA agonist action
D) inhibiting microtubule synthesis
53. Which of the following effects is related to direct beta 1 receptor stimulation?
A) broncodilation B) vasodilation C) tachycardia D) bradycardia
54. 5-HT produce contraction of smooth muscles and platelet aggregation via
A) 5 HT1 B) 5 HT2 C) 5 HT3 D) 5 HT4
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- 55. Decreased parathormone secretion results in**
A) tetany
B) ADH deficiency
C) Excess carbohydrate intake
D) Acromegaly
- 56. Anethole is present in**
A) Foeniculam vulgaris
B) Anethum sowa
C) Anethum graveolens
D) Carum carvi
- 57. The specific test done on honey for determining the presence of artificial invert sugar is**
A) Fehling's test
B) Baljet test
C) Fiehe's test
D) legal's test
- 58. The anterior pituitary secretes**
A) Oxytocin
B) ADH
C) Endorphins
D) TRH
- 59. Pyrethrum belongs to the family**
A) Umbelliferae
B) Rosaceae
C) compositae
D) Euphorbiaceae
- 60. Insulin comes under the category of**
A) hormone
B) enzyme
C) vitamin
D) prostaglandin
- 61. The endogenous plant growth regulators gibberellic acid is referred as**
A) GA9
B) GA7
C) GA3
D) GA1
- 62. High blood calcium level is due to**
A) Glucagon
B) Calcitonin
C) Parathormone
D) Glucocorticoids
- 63. Aril is present in**
A) Nutmeg
B) Cardamom
C) strophanthus
D) castor
- 64. Clove belongs to family**
A) Rubiaceae
B) Compositae
C) Myrtaceae
D) Liliaceae
- 65. The meaning of Latin term Rx**
A) Take thou
B) when necessary
C) send
D) write
- 66. Ashwagandha belongs to the family**
A) papaveraceae
B) Solanaceae
C) Rubiaceae
D) Apiaceae
- 67. What does the term "Potentiation" means?**
A) Cumulative ability of a drug
B) hypersensitivity to a drug
C) fast tolerance developing
D) intensive increase of drug effects due to their combination
- 68. Digitalis leaves are dried above 60°C , potency is lost due to**
A) Decomposition
B) chemical degradation
C) Enzymatic hydrolysis
D) Volatilization
- 69. Which one of the following ACE inhibitors is not a prodrug?**
A) Enalapril
B) Ramipril
C) Lisinopril
D) Perindopril
- 70. The disorder of hypo functioning of adrenal cortex is**
A) Acromegaly
B) Addison's disease
C) Goiter
D) Cushing's syndrome
- 71. Indicate the local anaesthetic drug which has a shorter duration of action**
A) Lidocaine
B) procaine
C) Bupivacaine
D) Ropivacaine
- 72. The percent of volatile oil present in clove is**
A) 1
B) 25
C) 10
D) 15
- 73. Identify the herb used as the main source of atropine and scopolamine**
A) Duboisia
B) cinchona
C) colchicine
D) Nux vomica

- 74. Identify the oil which contains vitamin A and Vitamin D both**
A) cod liver oil B) linseed oil C) shark liver oil D) sesame oil
- 75. Identify the propellant used in topical aerosols**
A) Propane B) Butane C) Isobutane D) All of the above
- 76. Which of the following agents is an inhibitor of aldehyde dehydrogenase?**
A) Fomepizole B) ethanol C) Disulfiram D) Naltrexone
- 77. Yam is a synonym for**
A) strophanthus B) dioscorea C) safed musli D) Liquorice
- 78. Warty trichomes are present in**
A) Cinnamon B) Punarnava C) senna D) vinca
- 79. Restlessness, anxiety, orthostatic hypotension, generalized seizures, severe tremors, vivid hallucinations and psychosis are possible symptoms of**
A) tolerance B) withdrawal
C) drug interactions between Barbiturates and diazepam
D) None of the above
- 80. Normal urine output in adult is**
A) 500 - 800 ml/day B) 800 - 2000 ml day
C) 2 - 3 litre/ day D) 3 - 4 litre/day
- 81. Tetracycline act by inhibition of protein synthesis by binding with**
A) Acetyl CoA B) 30s ribosomal subunit
C) 50s ribosomal subunit D) cell wall
- 82. Cinchona belongs to family**
A) Rutaceae B) Apocynaceae C) Rubiaceae D) Lauraceae
- 83. Quinine is a active constituent of**
A) Cinnamon bark B) Cinchona bark C) ashoka D) arjuna
- 84. Which one of these is a flower bud?**
A) fennel B) clove C) dill D) Ajwain
- 85. Dragendorff's reagent is for identifying**
A) oils B) starch C) Alkaloids D) Terpenes
- 86. A hydrophilic medicinal agent has the following property**
A) low ability to penetrate through the cell membrane lipids
B) penetrate through membrane by means of endocytosis
C) easy permeation through the blood brain barrier
D) high Reabsorption in Renal tubules
- 87. Pharmacognosy is also known as study of**
A) drugs from animals
B) crude drugs
C) Galenicals
D) human anatomy and physiology
- 88. Beta-caryophyllene is present in**
A) Datura B) Tulsi C) Hyoscyamus D) Belladonna
- 89. Water soluble alkaloid present in Ergot is**
A) Ergometrine B) Ergotamine C) Ergocryptine D) Ergocristine
- 90. The taste of glycyrrhiza is**
A) pungent B) warm C) sweet D) acrid

91. Indian gum is obtained from

- A) Astragalus gummifer B) Acacia Arabica
C) Gelidium amansii D) solanum tuberosum

92. The drug used as an oral anticoagulant

- A) Heparin B) dalteparin C) Dicumarol D) Enoxaparin

93. Chloroquine is a

- A) 4-amino quinolone B) Acridine C) Biguanides D) Pyrimidine

94. The adrenaline and nor adrenaline are secreted by

- A) pituitary gland B) pineal gland C) adrenal cortex D) adrenal medulla

95. The insecticidal drug is

- A) Kalmegh B) pyrethrum C) Ashwagandha D) Ashoka

96. Fennel contents sweet principle called

- A) Fenchone B) Anethole C) Limonene D) None of the above

97. Melanocyte stimulating hormone is secreted by

- A) Anterior lobe of pituitary B) Intermediate lobe of pituitary
C) Adrenal cortex D) Posterior lobe of pituitary

98. According to their origin, flax, jute and cotton is which type of fibre?

- A) animal or protein B) vegetable or cellulose
C) regenerated and synthetic D) Mineral

99. All of the following statements regarding vasodilators are true except

- A) Hydralazine cause tachycardia
B) Nifedipine is a dopamine receptor antagonist
C) nitroprusside dilate both arterioles and veins
D) minoxidil can cause hypertrichosis

100. Which of the following is not a rapid acting insulin

- A) insulin lispro B) insulin aspart C) insulin glulisine D) insulin glargine