

PSC Pharmacist Grade II - Health Services Examination Previous Year Question Paper

***Exam Name: Pharmacist Grade II - Health
Services***

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200/2015

1. The cathartic property of castor oil is due to the presence of :
(A) Linoleic acid (B) Arachidonic acid
(C) Ricinoleic acid (D) Stearic acid
2. d-Tubocurarine is a :
(A) Neuromuscular blocking agent
(B) Anticholine esterase
(C) Anaesthetic
(D) Neuro degenerative agent
3. The schedule which provide standard for ophthalmic preparation :
(A) Schedule P (B) Schedule R (C) Schedule FF (D) Schedule Y
4. Citric acid cycle takes place in :
(A) Liver (B) Mitochondria
(C) Endoplasmic reticulum (D) Nucleic acid
5. The pyrimidine component of RNA is :
(A) Adenine (B) Guanine (C) Thymine (D) Uracil
6. Major side effect of chloramphenicol is :
(A) Bone marrow depression (B) GIT disturbances
(C) Insomnia (D) Profound dyspnea
7. Example for a five membered hetrocyclic compound with one hetro atom is :
(A) Pyrimidine (B) Furane (C) Aziridine (D) Phenanthrene
8. One table spoon full is :
(A) 4 mL (B) 6 mL (C) 8 mL (D) 15 mL

9. Bence Jones Proteins found in urine occur in :
(A) Liver diseases (B) Diabetes mellitus
(C) Multiple myeloma (D) Thalassemia
10. Preparations of digitalis is used in the treatment of :
(A) Hypertension (B) Gout
(C) Myocardial infarction (D) Congestive cardiac failure
11. Physostigmine act as a cholinergic drug by :
(A) Directly binding with nicotinic receptors
(B) Binding with muscarinic receptors
(C) Inhibiting cholinesterase enzyme
(D) Binding with β_1 receptors
12. Which among the following is not a natural insecticide ?
(A) Chrysanthemum cinerariifolium
(B) Nicotiana glauca
(C) Ryania speciosa
(D) Piper nigrum
13. Most common adverse effect of non steroidal anti inflammatory agent :
(A) CNS toxicity (B) Gastro intestinal toxicity
(C) Cardiac toxicity (D) Skin rashes
14. Epinephrine is not used in :
(A) Bronchospasm (B) Hypertension
(C) Hypersensitivity reaction (D) Increased intra ocular pressure
15. Barbiturate which is used for the induction of anesthesia is :
(A) Phenobarbitone (B) Secobarbital
(C) Mephobarbital (D) Thiopentone sodium
16. A highly selective cox-2 inhibitor is :
(A) Tenoxicam (B) Ketoprofen (C) Celecoxib (D) Ketorolac

17. An antiviral drug used for the treatment of Parkinsonism is :
(A) Amantadine (B) Levodopa (C) Biperiden (D) Selegiline
18. A proton pump inhibitor commonly used in the treatment of peptic ulcer is :
(A) Sucralfate (B) Cimetidine
(C) Aluminium hydroxide gel (D) Omeprazole
19. Which among the following drugs is used as an emetic ?
(A) Apomorphine (B) Codeine (C) Papaverine (D) Noscopine
20. Antibiotic which is used as a cytotoxic agent is :
(A) Piperacillin (B) Ampicillin (C) Cloxacillin (D) Actinomycin D
21. Colchicum autumnale belongs to the family :
(A) Liliaceae (B) Rutaceae (C) Moringaceae (D) Rhamnaceae
22. The act which controls the advertisement of certain drugs :
(A) The drug and Magic remedies Act 1955
(B) Insecticides Act 1968
(C) The Pharmacy Act 1948
(D) Poisons Act 1919
23. Kwashiorkor is a disease associated with the deficiency of :
(A) Vitamin B₁₂ (B) Vitamin D (C) Carbohydrate (D) Protein
24. Type of emulsion may be determined by :
(A) Leakage test (B) Conductivity test
(C) Toxicity test (D) Bubble point test
25. Drugs colored coated powdered or polished to conceal damage or to appear to be of better therapeutic value than they really are is called :
(A) Spurious drug (B) Misbranded drug
(C) Adulterated drug (D) Reprocessed drug

26. Grease spot test is used to identify :
(A) Protein (B) Carbohydrate (C) Lipid (D) Alkaloid
27. Vitamin A is also called :
(A) Anti scurvitic Vitamin (B) Antisterilitic Vitamin
(C) Antihaemorrhagic Vitamin (D) Antixerophthalmic Vitamin
28. The foreign bodies which are present in our body are collectively called as :
(A) Xenobiotics (B) Probiotics (C) Antibiotics (D) Heptane
29. Primrose leaves is an adulterant of :
(A) Datura (B) Digitalis (C) Senna (D) Belladonna
30. Anthraquinone glycosides are present in :
(A) Ispaghula (B) Ephedrine (C) Aswagandha (D) Rhubarb
31. Physically distinct forms of same enzyme are called :
(A) Isoenzyme (B) Co-enzyme (C) Apoenzyme (D) Holoenzyme
32. Albinism is produced due to the defect in biosynthesis of :
(A) Tyrosine (B) Melanin (C) Valine (D) Isoleucine
33. Diseases and ailments which drug may not purport to prevent or cure is included in :
(A) Schedule C1 (B) Schedule G (C) Schedule J (D) Schedule M
34. Which one among the following is classified as a diuretic drug ?
(A) Punarnava (B) Ipecacuanha (C) Cinchona (D) Liquorice
35. Total energy gained from one mol of glucose under aerobic condition is :
(A) 8 ATP (B) 38 ATP (C) 12 ATP (D) 36 ATP
36. Holding temperature for moist heat sterilization is 115-118°C for :
(A) 30 minutes (B) 15 minutes (C) 0 minutes (D) 5 minutes

37. Chemical test for opium is done to check the presence of :
(A) Ferulic acid (B) Eugenol (C) Meconic acid (D) Tartaric acid
38. The immunity in which the body receives readymade antibody is called :
(A) Active immunity (B) Passive immunity
(C) Natural immunity (D) Innate immunity
39. Water which is free from volatile and non - volatile impurities, micro organisms and pyrogens is called :
(A) Purified water (B) Potable water
(C) Water for injection (D) Sterile water for injection
40. The process in which a solid gets directly converted into vapour is called :
(A) Desiccation (B) Sublimation (C) Evaporation (D) Condensation
41. Adult dose of a drug is 240 mg calculated dose for a child of age of 12 years is :
(A) 60 mg (B) 80 mg (C) 100 mg (D) 120 mg
42. When certain drugs administered repeatedly at short intervals decreased response is obtained is called :
(A) Idiosyncrasy (B) Tolerance (C) Tachyphylaxis (D) Antagonism
43. Liquid or semi solid preparations applied with friction is called :
(A) Lotion (B) Ointment (C) Jelly (D) Liniment
44. 1 : 500 concentration of a drug means :
(A) 1 mg in 500 mL (B) 1 kg in 500 kg (C) 1 g in 500 mL (D) 1 g in 500 L
45. Person who wishes to manufacture of preparations containing alcohol or other narcotic substance is required to obtain license from :
(A) Drugs inspector (B) Excise Commissioner
(C) Drugs Controller (D) Director of Health Services
46. The proportion of oil : water : gum in arachis oil emulsion is :
(A) 4 : 2 : 1 (B) 3 : 2 : 1 (C) 2 : 2 : 1 (D) 2 : 1 : 1

47. q.o.d. means :
(A) Four times a day (B) Every other day
(C) As needed (D) After meals
48. Superior and inferior venacava enter :
(A) Right atrium (B) Left atrium (C) Right ventricle (D) Left ventricle
49. Rheumatoid arthritis is caused by :
(A) Mycobacterium tuberculosis (B) Deficiency of calcium
(C) Uric acid crystals (D) Autoimmune disorder
50. Vasopressin is secreted by :
(A) Hypothalamus (B) Anterior pituitary
(C) Posterior pituitary (D) Adrenal medulla
51. Diabetes mellitus is caused when there is :
(A) a deficiency of insulin
(B) a deficiency of glucagon
(C) a decreased response of kidneys of vasopressin
(D) a deficiency of growth hormone
52. Any substance capable of triggering an immune response is called a :
(A) Heptane (B) Antibody (C) Interferon (D) Antigen
53. HIV virus destroys :
(A) T helper cells (B) Eosinophils (C) Basophils (D) Monocytes
54. Microcytic hypo chromic anemia is caused by the deficiency of :
(A) Vitamin B₁₂ (B) Riboflavin (C) Iron (D) Folic acid
55. Otic route is used to deliver drug in to :
(A) Eye (B) Ear canal (C) Nose (D) Skin

56. Normal value of creatinine clearance :
(A) 75 - 125 mL/minute (B) 125 - 175 mL/minute
(C) 175 - 250 mL/minute (D) 259 - 275 mL/minute
57. Warfarin interacts with Phenytoin by interfering with :
(A) Absorption (B) Protein binding
(C) Metabolism (D) Elimination
58. Antidote for Iron poisoning is :
(A) Deferoxamine (B) Acetyl cystine (C) Dimercaprol (D) Penicillamine
59. Test for water holding capacity is prescribed for :
(A) Cat gut (B) Absorbent cotton
(C) Surgical gauze (D) Sanitary Napkins
60. List of drugs to be purchased in a hospital is prepared by :
(A) Chief Pharmacist
(B) Hospital superintendent
(C) Pharmacy and therapeutic committee
(D) Drug technical advisory board
61. Safest and the most efficient method of drug distribution system is :
(A) Floor stock system (B) Complete floor stock system
(C) Charge floor stock system (D) Unit dose drug distribution system
62. Faithful adherence of the instructions given by Physician/pharmacist is called :
(A) Non compliance (B) Pharmaceutical care
(C) Patient counseling (D) Patient compliance
63. Articles published in journals are called :
(A) Primary literature (B) Secondary literature
(C) Tertiary source (D) Abstracting

64. Rate of bioavailability is greatest for :
(A) Capsule (B) Tablet (C) Suspensions (D) Solution
65. The vitamin which is given in severe cases of alcoholism is :
(A) Ascorbic acid (B) Riboflavin (C) Thiamine (D) Pyridoxine
66. Hemp is pericyclic fibers obtained from the stem of :
(A) *Linum usitatissimum* (B) *Corchorous olitorius*
(C) *Cannabis sativa* (D) *Gossypium herbaceum*
67. Basic ring present in pethidine is :
(A) Pyrrole (B) Pyridine (C) Thiophene (D) Quinoline
68. Example for a protein which is used in therapy is :
(A) Adrenaline (B) Hydrocortisone (C) Insulin (D) Thyroxin
69. Ciprofloxacin belongs to the category of :
(A) Fluoroquinolones (B) Aminoglycosides
(C) Macrolides (D) Cephalosporines
70. Hetro atoms present in chlorpromazine are :
(A) Nitrogen and Oxygen (B) Sulphur and Oxygen
(C) Nitrogen Sulphur and Oxygen (D) Nitrogen and Sulphur
71. Major side effect of sodium bicarbonate when used as antacid is :
(A) Systemic alkalosis (B) Systemic acidosis
(C) Metabolic alkalosis (D) Metabolic acidosis
72. An example for antioxidant is :
(A) Sodium bisulphite (B) Sodium lauryl sulphate
(C) Sodium potassium tartrate (D) Sodium fluoride

73. Radiopharmaceuticals should be stored in :
(A) Aluminium containers (B) Iron containers
(C) Borosilicate glass containers (D) Lead containers
74. Citric acid is added in the limit test for iron to :
(A) Provide an acidic medium
(B) To react with iron to produce a purple colour
(C) To form a complex with iron to prevent precipitation
(D) to react with acid radicals to prevent precipitation
75. Inorganic compound which is used as a dentine desensitiser is :
(A) Calcium carbonate (B) Strontium chloride
(C) Calcium chloride (D) Calcium hypochlorite
76. Gelatin is chemically :
(A) A complex carbohydrate (B) Purified wax
(C) Hydrous wool fat (D) Hydrolyzed collagenous material
77. Concentration of alcohol most effective as bactericidal is :
(A) 99% (B) 50% (C) 70% (D) 10%
78. Main drug used for the treatment of syphilis is :
(A) Penicillin G (B) Ampicillin (C) Gentamicin (D) Amikacin
79. Which is the second line drug for Tuberculosis ?
(A) Isoniazid (B) Ciprofloxacin (C) Rifampici (D) Ethambutol
80. Saline cathartics act by :
(A) Stimulating the gastro intestinal mucosa.
(B) Increasing the gastro intestinal motility.
(C) Increasing the osmotic load of the intestinal tract.
(D) Decreasing the gastro intestinal motility.

81. Dr. Hermann Gundert who prepared the first Dictionary in Malayalam is associated with which of the following Missions ?
(A) Basel Mission (B) Missionaries of Charity
(C) English Charitable Mission (D) Evangelical Mission
82. In which year did Sree Narayana Guru consecrate the Idol of Shiva in Aruvippuram Temple ?
(A) 1912 (B) 1913 (C) 1888 (D) 1903
83. Which of the following is not a part of the preamble to the Indian Constitution ?
(A) Socialism (B) Secularism (C) Federalism (D) Republic
84. Who among the following wrote the work 'Athmanuthapam' ?
(A) Vagbhadananda (B) Saint Elias Kuriakose Chaavara
(C) Sree Narayana Guru (D) Chattampi Swamikal
85. In which year was the Cochin State Prajamandal formed ?
(A) 6 January 1936 (B) 16 January 1941
(C) 12 August 1945 (D) 8 July 1946
86. The power of Supreme Court of India to decide the dispute between the Centre and States falls under it's _____ Jurisdiction.
(A) Advisory (B) Appellate (C) Writ (D) Original
87. Who suggested the name 'Abstention Movement' for the same ?
(A) I.C. Chacko (B) C. Kesavan
(C) T.M. Varghese (D) N.V. Joseph
88. Who among the following translated Tagore's 'Gitanjali' for the first time into Malayalam ?
(A) Kumaranasan (B) G. Sankara Kurup
(C) Vallathol (D) S.K. Pottakkad

89. Pick out from the following, the prominent woman leader from Malabar who participated in the Freedom Struggle ?
(A) Akkamma Cherian (B) Anna Chandi
(C) A.V. Kuttimalu Amma (D) Thottakkad Madhavi Amma
90. The novelist to have won the 'Jnanpith Award' for the first time from Kerala is _____.
(A) G. Sanakara Kurup (B) Thakazhi
(C) S.K. Pottakkad (D) M.T. Vasudevan Nair
91. The members of the State Public Service Commission are appointed by :
(A) Chief Minister (B) Chief Justice
(C) Chief Secretary (D) Governor
92. Who among the following was the Chairman of the Guruvayoor Satyagraha Committee ?
(A) K. Kelappan (B) A.K. Gopalan
(C) C. Krishnan (D) Mannathu Padmanabhan
93. Who was the first Vice-Chancellor of Kerala University ?
(A) Sardar K.M. Panicker (B) Joseph Mundasseri
(C) John Mathai (D) M.V. Paili
94. Where is the BRICS Bank being established ?
(A) China (B) India (C) Brazil (D) South Africa
95. On which date was the National Food Security Act signed into Law ?
(A) 13 September 2013 (B) 12 September 2013
(C) 26 August 2013 (D) 3 August 2013
96. Who among the following is the present Chairman of The National Women's Commission ?
(A) Mano Sharma (B) Sujatha Singh
(C) Lalitha Kumaramangalam (D) Jayanthi Patnaik

97. Who was the founder of 'Samatwa Samajam' ?
(A) Ayyankali (B) Chattampi Swamikal
(C) Swami Agamananda (D) Ayya Vaikundar
98. Who among the following Keralites, was the Editor of the Newspaper, 'The Madras Standard' ?
(A) G.P. Pillai (B) K.P. Kesava Menon
(C) Kumaranasan (D) C.V. Kunjuraman
99. Which Article of the Indian Constitution is related to Presidential Rule in States ?
(A) Article 352 (B) Article 356 (C) Article 359 (D) Article 360
100. Who is popularly known as the 'Lincoln of Kerala' ?
(A) K. Kelappan (B) Velukkutty Arayan
(C) A.K. Gopalan (D) Pandit K.P. Karuppan

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