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Pharmacist Competitive Examination

Theory Book

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PHARMACEUTICS - I

- Which unit is used for the measurement of weight in apothecaries system**
(a) Pound (b) Drachm
(c) Grain (d) Scruple
- Which unit is used for measurement of weight in the avoirdupois system**
(a) Grain (b) Pound
(c) Gram (d) Drachm
- Ointment tubes are made up of**
(a) Polymethyl methacrylate (PMMA)
(b) Polyvinyl chloride
(c) Polystyrene
(d) Polyamides
- Given the following gases are used a propellant in aerosol except**
(a) Carbon dioxide
(b) Sulphur
(c) Trichloro-fluoro-methane
(d) Nitrogen
- Containers used for the storage of injectable are made of**
(a) Borosilicate glass
(b) Type-I glass
(c) Soda-lime glass
(d) Type I and II glass
- Hermetically sealed containers are also called**
(a) Sealed packed container
(b) Air-tight container
(c) Tightly closed containers
(d) All of these
- Which are used to separate the suspension of a solid in a gas**
(a) Air separator (b) Cyclone separator
(c) Centrifuge (d) None of these
- If the pressure difference between the 'filter medium' and 'filter cake' is increase than rate of filtration is**
(a) Increased (b) Decreased
(c) Constant (d) None of these
- Which filter medium is used for moderately coarse particles**
(a) Filter paper (b) Glass
(c) Cotton wool (d) All of these
- If the drug is extracted by heating at a particular pressure this process is called**
(a) Digestion (b) Decoction
(c) Maceration (d) Infusion
- Which extraction process is not suitable for the extraction of thermolabile drugs**
(a) Maceration (b) Soxhlation
(c) Infusion (d) All of these
- In holder method of pasteurization the milk is heated at**
(a) 71.6°C (b) 61.9°C
(c) 62.8°C (d) None of these
- In moist heat sterilization method, bacteria is killed by which mechanism**
(a) Oxidation
(b) Coagulation of protoplasm
(c) Alkylation
(d) None of these
- Glass wares is sterilized by which method**
(a) Dry heat sterilization
(b) Radiation
(c) Moist heat sterilization
(d) None of these
- Which temperature is required for sterilization of vaccine**
(a) $55 - 60^{\circ}\text{C}$ (b) $11 - 120^{\circ}\text{C}$
(c) $12 - 24^{\circ}\text{C}$ (d) None of these
- Which sterilization method is used in case of emergency**
(a) Moist heat sterilization
(b) Dry heat sterilization
(c) Gaseous sterilization
(d) Radiation
- All of these tablets are ingested orally except**
(a) Multilayerd tablets
(b) Sugar coated tablets
(c) Vaginal tablets
(d) Film coated tablets
- Which type of coating is done to disintegrate the tablet in the intestine**
(a) Film coating (b) Sugar coating
(c) Enteric coating (d) None of these
- Partial or complete removal of top and bottom portion of the tablet this defect is called**
(a) Mottling (b) Capping
(c) Weight variation (d) Sticking
- Which step of sugar coating help in build up tablet size**
(a) Sealing (b) Syrup coating
(c) Sub coating (d) None of these
- Type-B gelatin is used for capsule is derived from**
(a) Bones (b) Pork skin
(c) Both a and b (d) None of these
- The HLB range for wetting agent is**
(a) 0-3 (b) 4-6
(c) 7-9 (d) 13-15
- Wool fat is known as**
(a) Petrolatum
(b) Anhydrous lanolin
(c) Hydrous lanolin
(d) None of these
- The temperature at which blood freeze is**
(a) -5.2°C (b) 0.52°C
(c) -0.52°C (d) None of these

- (c) Carvedilol (d) Propranolol
- 27. Herpes infection is treated with**
 (a) Ritonavir (b) Acyclovir
 (c) Dadinosine (d) Amantadine
- 28. Penicillanise resistant penicillin is**
 (a) Methicillin (b) Oxacillin
 (c) Cloxacillin (d) All of these
- 29. Glaucoma is characterized by**
 (a) Muscular weakness
 (b) Adrenal tumor
 (c) Increased intraocular tension
 (d) Adrenal cortex insufficiency
- 30. Which is a prodrug**
 (a) Paracetamol (b) Enalapril
 (c) Sulphathiazole (d) Trimethoprim
- 31. HIV infection can be clinically controlled with**
 (a) Amantadine (b) Zidovudine
 (c) Ganciclovir (d) Acyclovir
- 32. Which of the following may cause the gingival hyperplasia**
 (a) Minoxidil (b) Phenytoin
 (c) Reserpine (d) Warfarin
- 33. Tablet Nitroglycerin is given through sublingual route in case of**
 (a) Hypertension (b) Hypotension
 (c) Angina pectoris (d) Rheumatic heart disease
- 34. When abnormal drug response occurs in an individual, the condition is called**
 (a) Allergic reaction (b) Idiosyncrasy
 (c) Pyrexia (d) Anaphylaxis
- 35. Chloroquine is used in the treatment of**
 (a) Stomatitis (b) Malaria
 (c) Urticaria (d) Bronchitis
- 36. Which of the following anticholinergic drug is used in the treatment of bronchial asthma**
 (a) Scopolamine (b) Isopropamide
 (c) Ipratropium (d) Ciprofloxacin
- 37. Sodium cromoglycate act by**
 (a) Broncho relaxation
 (b) Anti histaminic action
 (c) Mast cell stabilization
 (d) By preventing antigen antibody reaction
- 38. Which of the following drug is diuretic of high efficacy**
 (a) Mannitol (b) Amiloride
 (c) Xipamide (d) Frusimide (Lasix)
- 39. Which of the following drugs is used as urinary antiseptic**
 (a) Nitrofurantion (b) Indomethacin
 (c) Desmopressin (d) Chlorpropamide
- 40. Phenazopyridine drug imparts which colouration to urine**
 (a) Golden yellow
 (b) Red, orange colouration
 (c) No colour
 (d) Green colouration
- 41. Which antibiotic acts by inhibiting cell wall synthesis**
 (a) Penicillin (b) Gentamycin
 (c) Vancomycin (d) Chloramphenicol
- 42. Drug of choice for Kalaazar is**
 (a) Diethyl carbamazine (b) Pentamidine
 (c) Albendazole (d) Metronidazole
- 43. Ciprofloxacin acts by inhibiting**
 (a) Protein synthesis (b) DNA gyrase
 (c) Cell wall synthesis (d) mRNA synthesis
- 44. Safest anti-tuberculosis drug in renal disease is**
 (a) Ethambutal (b) Streptomycin
 (c) Rifampicin (d) Capreomycin
- 45. Which of the following anticancer drug is cardio-toxic**
 (a) Mitomycin (b) Actinomycin
 (c) Daunorubicin (d) Mitoxantrone
- 46. Melphalan is the drug of choice in**
 (a) Nephroblastoma (b) Ovarian cancer (c) Carcinoma breast (d) Myeloma
- 47. Fancony's syndrome is caused by**
 (a) Cephalosporins
 (b) Chloramphenicol
 (c) Deceased pseudo cholinesterase
 (d) Old and degraded tetracycline
- 48. Ant tubercular drug which should not be used in pregnancy**
 (a) Rifampicin (b) Ethambutol
 (c) Pyrazinamide (d) Streptomycin
- 49. Radical treatment of plasmodium vivax is by**
 (a) Chloroquine (b) Quinine
 (c) Proguanil (d) Primaquine
- 50. Drug of choice in acute myocardial infarction is**
 (a) Morphine (b) I. V. Heparin
 (c) Nitroglycerine (d) Strepto

- (a) Symptothermic
(b) Cervical mucus
(c) Basal body temperature
(d) Safe period
43. _____ the commonly used spermicides.
(a) Vaginal contraceptive films
(b) Contraceptive jellies
(c) Contraceptive suppositories
(d) Surface active agents
44. _____ type of immunity is present in an individual since birth, and is affected by the genetic and molecular structure of the genes.
(a) Specific (b) Innate
(c) Acquired (d) Adaptive
45. _____ an immunity is also known as acquired immunity.
(a) Adaptive (b) Neutral
(c) Passive (d) Active
46. _____ immunity is the resistance that an individual acquires during life.
(a) Non-specific (b) Active
(c) Passive (d) Specific
47. _____ type of immunity is the resistance acquired or developed by an individual after effective contact with an antigen.
(a) Specific (b) Non-specific
(c) Active (d) Passive
48. _____ is the physical and chemical barrier for specific immunity.
(a) Lymphocytes
(b) Skin
(c) Mucosal epithelia
(d) Antimicrobial chemicals
49. The term vaccine has been derived from the Latin word vacca which means. That retains its antigenicity.
(a) Inactivated-killed (b) Live attenuated
(c) Bacterial (d) Viral
50. _____ is the best method of disposing of the highly infectious hospital and nursing home refuse.
(a) Incineration (b) Dumping
(c) Composting (d) Burning

COMMUNITY PHARMACY AND MANAGEMENT

- 1. First line treatment of COPD is**
 - (a) Methylxanthines
 - (b) Short-acting bronchodilators
 - (c) Corticosteroids
 - (d) None of these
- 2. In AIDs there is a depletion in**
 - (a) Reticulocytes
 - (b) Granulocytes
 - (c) CD₄ lymphocytes
 - (d) Monocytes
- 3. First product to require a PPI**
 - (a) Formoterol inhalators
 - (b) Isoproterenol inhalators
 - (c) Budesonide inhalators
 - (d) Fluticasone inhalators
- 4. In general the patients are required to take at least _____ of anti-TB drugs**
 - (a) 4 Month
 - (b) 5 Month
 - (c) 6 Month
 - (d) 7 Month
- 5. The first person who discovered M. tuberculosis was**
 - (a) Edward Jenner
 - (b) Louis Pasteur
 - (c) Charles Darwin
 - (d) Robert Koch
- 6. Causative agent for tuberculosis**
 - (a) Virus
 - (b) Protozoan
 - (c) Bacteria
 - (d) Malnutrition
- 7. Where was 1st Pharmacopoeia published in the world**
 - (a) Greece
 - (b) Nuremberg Germany
 - (c) Geneva Switzerland
 - (d) China
- 8. Patients are advised to rinse their mouth with water after inhalation of**
 - (a) β 2-agonist
 - (b) Xanthine alkaloids
 - (c) Corticosteroids
 - (d) Anticholinergics
- 9. The best site of self-injection of insulin is**
 - (a) Abdomen
 - (b) Lower arm
 - (c) Thigh
 - (d) Thigh and Abdomen
- 10. First choice of oral medication in diarrhoea is**
 - (a) ORS solution
 - (b) Bismuth tablet
 - (c) Redotil capsules
 - (d) Loperamide tablets
- 11. _____ were the famous practitioners of Hindu medicine**
 - (a) Charaka & Chanakya
 - (b) Chanakya & Sushruta
 - (c) Charaka & Sushruta
 - (d) Aryabhata & Valmiki
- 12. The 1st phase of counseling is used for**
 - (a) Information gathering
 - (b) Talking with the relatives
 - (c) Gathering the other pharmacy staff
 - (d) Gathering of other nursing staff
- 13. _____ has identified community pharmacists as the healthcare professionals who are most accessible to the public**
 - (a) CDC
 - (b) WHO
 - (c) International Public Health Centre
 - (d) APHA
- 14. The success of counseling depends on the _____ of the counselor**
 - (a) Language
 - (b) Tone
 - (c) Facial expression
 - (d) Knowledge & skill
- 15. The heart of the patient counselling session is**
 - (a) Preparing for the session
 - (b) Opening the session
 - (c) Counselling content
 - (d) Closing the session
- 16. _____ acts as a vital link between patients & prescribers**
 - (a) Dispenser
 - (b) Compounder
 - (c) Nurse
 - (d) Community Pharmacist
- 17. Preventive Health Services is**
 - (a) Health promotion campaigns
 - (b) Health screening services
 - (c) Monitoring of drug utilization
 - (d) All of the above
- 18. Standard operating procedures are the set of**
 - (a) Oral instructions
 - (b) Written instructions
 - (c) Verbal instructions
 - (d) None of these
- 19. Standards needed for influencing prescribing and medicine use**
 - (a) Preparation of formularies on medicine
 - (b) Educational programs for health professionals
 - (c) Facilities for independent counseling area that ensures privacy
 - (d) Both (a) & (b)

MICROBIOLOGY

- Which is not a virus borne communicable disease**
(a) Measles (b) Tetanus
(c) Cholera (d) AIDS
- Which of the following is an inborn immunity**
(a) Natural passive immunity
(b) Natural active immunity
(c) Innate immunity
(d) Both a and b
- Readymade antibodies are administered to counter**
(a) Natural passive immunity
(b) Natural active immunity
(c) Artificial passive immunity
(d) Artificial active immunity
- The causative organism for small pox is**
(a) Variola virus (b) HIV
(c) Varicella zoster virus (d) Myxo virus
- Artificial active immunity is conferred by**
(a) Detoxification (b) Vaccination
(c) Antitoxic substance (d) Antibodies
- Causative organism for chicken pox is**
(a) HIV
(b) Myxo virus
(c) Variola virus
(d) Varicella zoster virus
- Immunoglobulin which can cross the placenta is**
(a) IgM (b) IgG (c) IgA (d) IgD
- Immunoglobulin which is present in body secretion is**
(a) IgD (b) IgA (c) IgM (d) IgG
- VDRL test is used for the diagnosis of**
(a) Tuberculosis (b) Diphtheria
(c) Syphilis (d) Pneumonia
- WIDAL test is used for the diagnosis of**
(a) Typhoid (b) Malaria
(c) Leprosy (d) Tuberculosis
- Monteux test is a skin test used for screening of**
(a) Leprosy (b) AIDS
(c) Malaria (d) Tuberculosis
- Which of the following vaccine is used to prevent from tuberculosis**
(a) BCG (b) OPV (c) MMR (d) DTP
- Which of the following disease has been eradicate completely from the world**
(a) Chicken pox (b) Small pox
(c) Measles (d) Polio
- Measles is caused by**
(a) Myxo virus
(b) Variola virus
(c) HIV
(d) Varicella zoster virus
- Which one of the following hepatitis is called infectious hepatitis**
(a) Hepatitis A (b) Hepatitis B
(c) Hepatitis C (d) Hepatitis D
- Whooping cough is a type of**
(a) Bacterial disease
(b) Viral infection
(c) Fungal infection
(d) Protozoal disease
- Diphtheria is a type of**
(a) Bacterial disease
(b) Viral infection
(c) Fungal infection
(d) Protozoal disease
- Pertussis is caused by**
(a) Bordetella pertussis
(b) Clostridium tetani
(c) Corynebacterium diphtheria
(d) Mycobacterium tuberculosis
- Hepatitis developed due to ingestion of contaminated food is**
(a) Hepatitis A (b) Hepatitis B
(c) Hepatitis C (d) Hepatitis D
- Tetanus is caused by**
(a) Bordetella pertussis
(b) Clostridium tetani
(c) Corynebacterium diphtheria
(d) Mycobacterium tuberculosis
- TB caused by**
(a) Bordetella pertussis
(b) Clostridium tetani
(c) Corynebacterium diphtheria
(d) Mycobacterium tuberculosis
- Enlargement and tenderness of parotid gland is seen in**
(a) Measles (b) Mumps
(c) Rubella (d) Small pox
- The dose schedule for the hepatitis B vaccine is**
(a) 0, 4 & 6 Month
(b) 1, 4, & 8 Month
(c) 0, 5, 6, & 7 Month
(d) 0, 1, & 6 Month
- Diphtheria mainly affects**
(a) Respiratory system (b) Immune system
(c) Neurological system (d) GI system
- MMR is a trivalent vaccine for**
(a) Measles, mumps & rabies
(b) Mumps, meningitis & rabies
(c) Measles, mumps & rubella
(d) Measles, myocarditis & rubella
- Shick test is used in**
(a) Measles (b) Mumps
(c) Rubella (d) Diphtheria
- Causative organism for dengue fever is**

MINOR MODEL PAPER - II

- Crystalluria is the side effect associated with:**
(a) Quinolones (b) Azoles
(c) Sulphonamides (d) Taxol
- The Drugs and Cosmetic Act was passed in:**
(a) 1940 (b) 1945
(c) 1947 (d) 1946
- Which of the following is a female sex hormone?**
(a) Stilbesterol (b) Testosterone
(c) Estrogen (d) Benzesterol
- Chloroquine is a:**
(a) 4-Amino Quinoline (b) Acridine
(c) Biguanide (d) Pyrimidine
- In the pediatric dose calculation, children in the first twenty days of birth comes under the class of:**
(a) Infant (b) Child
(c) Neonatal (d) Just born
- A naturally occurring carminative is:**
(a) Asafoetida (b) Asoka
(c) Arjuna (d) Agar
- The meaning of Latin term Rx:**
(a) Take thou (b) When necessary
(c) Send (d) Write
- The DPO (Drug Price Control Order) was exercised by central government in:**
(a) 1985 (b) 1995
(c) 1987 (d) 1997
- Myocardium is a special muscle tissue found only in the:**
(a) Brain (b) Heart
(c) Stomach (d) Lungs
- The schedule to which 'List of drugs to be sold on prescription only' belong to:**
(a) Schedule L (b) Schedule W
(c) Schedule X (d) Schedule M
- Mannitol is:**
(a) Loop diuretic
(b) Osmotic diuretic
(c) Potassium sparing diuretic
(d) Carbonic anhydrase diuretic
- The formulations used for dental hygiene are known as:**
(a) Insufflation (b) Snuffs
(c) Cachets (d) Dentifrices
- Erythroblastosis foetalis arises due to the incompatibility in the:**
(a) Lymph (b) Blood
(c) Synovial fluid (d) Bile
- A parenteral anticoagulant drug is:**
(a) Penicillin (b) Phfenindione
(c) Warfarin (d) Heparin
- Drugs and Magic Remedies act was passed in:**
(a) 1956 (b) 1954
(c) 1952 (d) 1953
- A non-drug part added to formulation to aid dilution, stability maintaining, taste masking etc. is known as:**
(a) Preservative (b) Active ingredient
(c) Additive (d) Binding agent
- Tropane alkaloids can be identified by:**
(a) Thalloquin test (b) Vitali test
(c) Biuret test (d) Millon's test
- The powerhouse of the cell is:**
(a) Golgi bodies (b) Mitochondria
(c) Ribosomes (d) Nucleus
- Which of the following is not a benzodiazepine?**
(a) Diazepam (b) Nitrazepam
(c) Zolpidem (d) Triazolam
- Which of the following is a natural emulsifying agent obtained from vegetable source?**
(a) Starch (b) Gelatin
(c) Egg yolk (d) Wool fat
- A chelating agent used in the case of poisoning is:**
(a) Sodium phosphate
(b) Dimercaprol
(c) Ferroun
(d) Bismuth subnitrate
- Filter sheets made of cellulose are:**
(a) Seitz filter
(b) Membrane filter
(c) Glass fiber filter
(d) Sintered glass filter
- One fluid ounce is:**
(a) 60 ml (b) 15 ml
(c) 30 ml (d) 10 ml
- The plant drug which is oxytocic:**
(a) Ergot (b) Kurchi
(c) Vinca (d) Cocaine
- The diagnostic agent used for the functioning of thyroid gland:**
(a) Fe-59 (b) I-131
(c) Co-60 (d) P-32
- The constituent of cholesterol termed as bad cholesterol is:**
(a) HDL (b) LDL
(c) VLDL (d) Triglycerides
- terols belong to the class of:**
(a) Lipids (b) Waxes
(c) Carbohydrates (d) Proteins
- Hepatitis is a:**
(a) Bacterial infection
(b) Protozoal infection
(c) Fungal infection
(d) Viral infection
- A leukotriene receptor antagonist used in allergic cough is:**
(a) Rofecoxib (b) Theophylline
(c) Losartan (d) Montelukast

- (a) Disintegration (b) Crushing
(c) Dissolution (d) Granulation
40. **The extent to which a patient's medication taking behavior coincides with the intention of health advice is known as**
(a) Monitoring
(b) Adherence
(c) Drug utilization
(d) Purchasing power
41. **Glycoside present in Nux vomica**
(a) Strichnine (b) Loganine
(c) Ecgonine (d) Quinovine
42. **Which of the following uses the violent turbulence of the air and steam to reduce the particle size by inter particular attrition ?**
(a) Cutting mill (b) Fluid energy mill
(c) Roller mill (d) Colloid mill
43. **Which among the following is a phase II reaction of drug metabolism?**
(a) Oxidation (b) Conjugation
(c) Reduction (d) Hydrolysis
44. **The equipment used for moist heat sterilization**
(a) Hot air oven (b) Cartridge filter
(c) Autoclave (d) Cyclone separator
45. **Which of the following technique is used to increase the solubility of weak electrolytes and non-polar molecules by the addition of a water miscible solvent in which the drug has good solubility ?**
(a) Complexation (b) Solubilization
(c) Hydrotrophy (d) Co-solvency
46. **The most important influence of temperature on emulsion stability**
(a) Creaming (b) Caking
(c) Cracking (d) Phase inversion
47. **Green vitriol is known as**
(a) Copper sulphate
(b) Ferric ammonium citrate
(c) Ferrous sulphate
(d) Ferrous gluconate
48. **The approved indication of Lurasidone**
(a) Depression (b) Mania
(c) Parkinsonism (d) Schizophrenia
49. **One fluid ounce volume is equal to**
(a) 45 ml (b) 60 ml
(c) 15 ml (d) 30 ml
50. **Boiling water is poured over the drug and allowing to keep in contact with the drug for 15 minutes with occasional stirring and finally filtered off without pressing the marc. This process is known as**
(a) Maceration (b) Infusion
(c) Percolation (d) Decoction

- (d) Kuttamkulam Struggle
59. Who among the following is NOT related with the Malabar Rebellion of 1921?
- (a) Kutty Ali
(b) Sitikoya Thangal
(c) Variankunnath Haji
(d) Ali Musliar
60. Who was the founder of the Malayalam journal 'Vivekodayam'?
- (a) Vaghatananda Guru
(b) Sankaracharya
(c) C. V. Kunhiraman
(d) KumaranAsan
61. is the father of the library movement in Kerala
- (a) K. N. Panikkar (b) K. M. Panikkar
(c) P. N. Panicker (d) AyyappaPanikkar
62. Who was the author of the Malayalam Political drama 'Pattabakki'?
- (a) ThoppilBhasi (b) K. Damodaran
(c) K. T. Muhammed (d) N. N. Pillai
63. The noted Malayalam poem 'Vazhakkula' is a work of:
- (a) Vyloppilli Sreedhara Menon
(b) Changampuzha
(c) Vallathol Narayana Menon
(d) Ulloor S. Parameswardlyer
64. Who among the following woman is known as 'Jhansi Rani of Travancore'?
- (a) Arya Pallam
(b) Anna Chandu
(c) A. V. KuttimaluAmmam
(d) Accamma Cheriyan
65. India's first coir factory was set up at.....
- (a) Alleppey (b) Surat
(c) Mangalore (d) Ahmedabad
66. Who among the following played a key role in the formation of Indian Coffee House?
- (a) P. Krishna Pillai
(b) E. K. Nayanar
(c) E. M. S. Namboothiripad
(d) A. K. Gopalan
67. The Hon. Indian President has declared which of the following Indian State as the first 'digital state' of the country?
- (a) Delhi (b) Maharashtra
(c) Kerala (d) Andhra Pradesh
68. Who is known as 'Kumara Gurudevan'?
- (a) Kumaran Asan
(b) Poykayil Yohannan
(c) T. K. Madhavan
(d) Moorkoth Kumaran
69. Recently which Indian State Government has decided to appoint teacher in all high schools to monitor cleanliness.
- (a) Assam (b) Goa
(c) Manipur (d) Karnataka
70. Which of the cricketer is known as the 'First Chinaman' in Indian cricket?
- (a) Harbhajan Singh
(b) Kuldeep Yadav
(c) R. Ashwin
(d) Ravindra Jadeja
71. Freeze drying is based on the principle of.....
- (a) Sublimation (b) Desiccation
(c) Fluidisation (d) Reconstitution
72. Molecules whose mirror images are non superimposable are called.....
- (a) Stereoisomers
(b) Geometric isomers
(c) Conformation
(d) Enantiomers
73. Quantities of electrolytes administered to patients are expressed by.....
- (a) Milliequivalent (b) Equivalent
(c) Milligram (d) Milliliter
74. Example for anionic surfactant?
- (a) Glycine

- (b) 1990
(c) 1960
(d) 1975
60. Disodium EDTA is an example of
- (a) Sweetening agent
(b) Flavouring agent
(c) Chelating agent
(d) Preservative
61. Capsules in which powders are enclosed are made up of
- (a) Gelatin
(b) Rice flour
(c) Fructose
(d) Dextrose
62. Which among the following come under immunologicals or Immunomodulatory drugs?
- (a) Sera
(b) Vaccines
(c) Toxoids
(d) All of these
63. Antihypertensive drug with a tetrazole ring is
- (a) Clonidine
(b) Captopril
(c) Valsartan
(d) Carbapenams
64. Class III antiarrhythmic agents are .
- (a) Na⁺ channel blockers
(b) K⁺ channel blockers
(c) Na⁺ channel openers
(d) K⁺ channel openers
65. gas is most widely used in “fire extinguishers”
- (a) Oxygen
(b) Nitric oxide
(c) Argon
(d) Carbon dioxide
66. Nalidixic Acid is categorized as
- (a) Antimalarials
(b) Anti tubercular
(c) Anthelmintic
(d) Urinary tract anti infective
67. Which among the following are categorized as antihypertensive agents?
- (a) Propranolol
(b) Benzapril hydrochloride
(c) Enalapril
(d) All of these
68. Which among the following method is associated with drug distribution?
- (a) Individual prescription Order Method
(b) Unit Dose Drug Distribution Method
(c) Drug Basket Method
(d) All of these
69. Pharmacists are registered under the clause (i) and section (ii) of the Pharmacy Act 1948, and their presence is legally required during the of medicines according to Rule 65(15) of the Drugs and Cosmetics Rules 1945.
- (a) Compounding
(b) Dispensing and Selling
(c) Both (Compounding & Dispensing and Selling
(d) None of these
70. Name the schedule under Drugs and Cosmetics Rules which describes that the word “Pharmacy” can be displayed in front of the premises
- (a) Schedule G
(b) Schedule X
(c) Schedule Y
(d) Schedule N
71. Ispaghula and sterculia prescribed in treatment of constipation act as
- (a) Bulkforming laxatives
(b) Stimulant laxatives
(c) Stool softeners
(d) All of these
72. VED analysis in inventory control stands for
- (a) Vital Essential Drugs
(b) Vital Essential Desirable
(c) Very Essential Drugs
(d) Very Effective Drugs
73. Diabetes insipidus occurs due to
- (a) Deficiency of insulin
(b) Deficiency of glycogen
(c) Deficiency of antidiuretic hormone
(d) None of these
74. How many laminae are present in the grey matter of spinal cord?
- (a) 8
(b) 9
(c) 7
(d) 10
75. An autoimmune disease where body’s own antibodies attack cells of thyroid is called
- (a) Hashimoto’s thyroiditis disease
(b) Grave’s disease
(c) Turner’s syndrome

- (c) Lung function (d) Gastric function
79. In this question, relationship between different elements is shown in the statement. This statement is followed by three conclusions. Assume the given statement to be true and choose the answer from the given options:
Statement: $B > R > O \geq W > N$
Conclusions:
I. $B > O$ II. $W < R$ III. $B > N$
(a) Only i) and ii) follow
(b) None follows
(c) All follow
(d) Only ii) and iii) follow
80. Which one of the following is the basic chemical test to identify anthracene glycosides in Aloes?
(a) Modified Borntrager test
(b) Keller Killiani test
(c) Borntrager test
(d) Legal test
81. The transformation of the larva into an adult through drastic changes is called _____
(a) Metamorphosis (b) Menopause (c) Reverse osmosis (d) Budding
82. Which one of the followings is the statistical procedure to detect the differences existing in-between two or more samples?
(a) Arithmetic mean (b) Chi square test (c) Standard error (d) ANOVA
83. Any undesirable change in the physical, chemical or biological features of air, land and water is called
(a) Pollutants (b) Pollution
(c) Ecology (d) Ecosystem
84. The ratio by number of atoms for water is H:O
(a) 1:2 (b) 1:4 (c) 2:1 (d) 4:1
85. According to Drugs and Cosmetics Act 1940 and Rules 1945, the insulin preparations should be stored at a temperature _____
(a) 9 to 25°C (b) Below 1°C
(c) 2 to 8°C (d) Above 25°C
86. Type - III" of drug master file gives information about
(a) Drug substances
(b) Personnel / Facilities
(c) Packaging materials
(d) Excipients
87. Patna city is situated on the bank of the river
(a) Ganges (b) Mahanadi
(c) Brahmaputra (d) Yamuna
88. Drugs which are having high solubility and low permeability are called as
(a) Class IV drugs (b) Class I drugs
(c) Class III drugs (d) Class II drugs
89. The Indian Army constructed the longest suspension bridge called 'Maitri' across which river?
(a) Narmada (b) Indus
(c) Brahmaputra (d) Ganges
90. "Lecithin" is an example for
(a) Phenolic type of Antioxidant (b) Quinoline type of Antioxidant
(c) Organic acids, alcohols and esters
(d) Amine type of Antioxidant
91. Regarding pharmaceutical elixirs, which of the following statement is true?
(a) Preservatives are required in all elixir formulations
(b) Elixirs require addition of sweetening agents
(c) Elixirs generally contain <10% alcohol="" usp
(d) Colors are required for all elixir formulations
92. Solid fills for hard gelatin capsules frequently contain which of the following excipient as a disintegrant?
(a) Glidants (b) Lactose
(c) Magnesium stearate (d) Starch
93. The dissolution rate of drugs from tablets may be increased by

AIIMS



RRB



**CGHS,
HPPSC, BTSC, ISRO,
KERALA PSC,
MP PHARMACIST,
SECL, DSSSB,
BCCL**

UP NHM

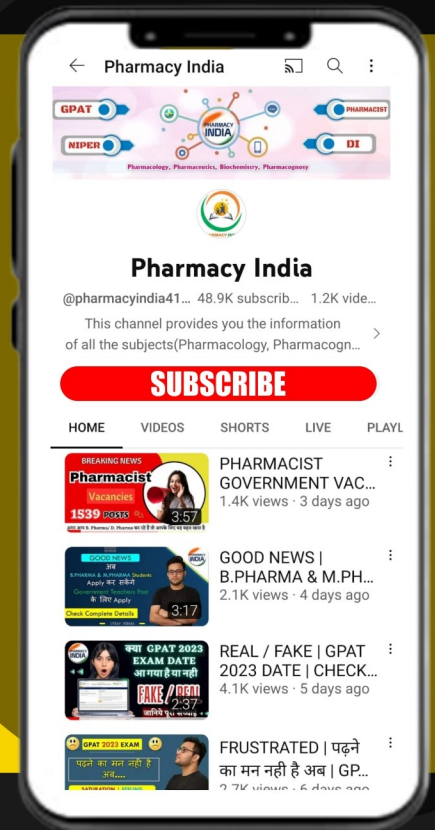


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