

As per the **PHARMACIST** Syllabus



# PHARMACIST

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# PHARMACIST

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**Previous Year Papers**

**10**

**Model Papers**

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As per the Pharmacist Examination

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# **PHARMACIST**

**SECTION-I**

## **PREVIOUS YEAR PAPERS** With Answer Key

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**40**  
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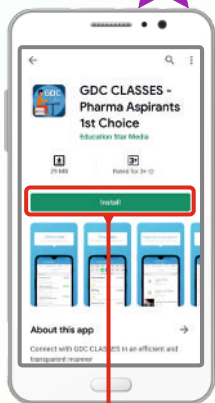
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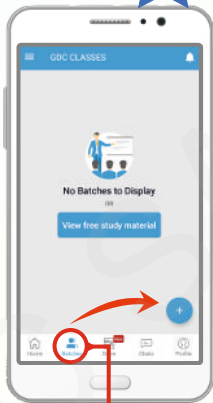
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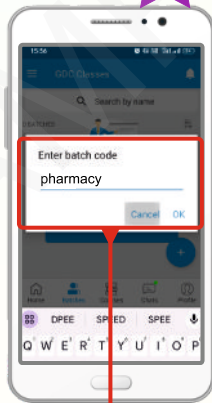
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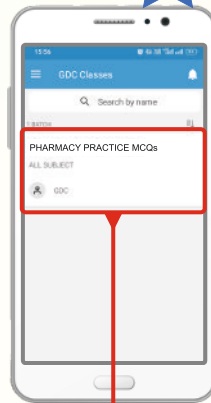
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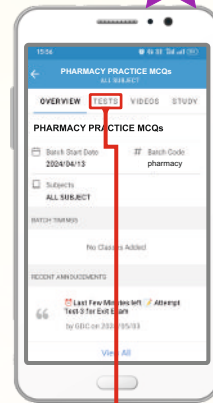
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# OSSSC PHARMACIST-2024

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1. **What is used as a vulcanising agent in rubber for the construction of closures for the packaging of pharmaceuticals**
  - (a) Sulphur
  - (b) Zinc stearate
  - (c) Mineral oils
  - (d) Talc
2. **In the process of mechanical size reduction, which of the following mill works on the principle of impact**
  - (a) Bohr stone mill
  - (b) Hammer mill
  - (c) Edge runner mill
  - (d) End runner mill
3. **Which of the following statements describes the disadvantage of using water as a solvent in the extraction of the drug**
  - (a) It is very cheap
  - (b) It is non-toxic
  - (c) It leads to the hydrolysis of many substances
  - (d) It can dissolve a wide range of chemical substances
4. **Name the process of removing the water of crystallization from the hydrated crystalline substances and making them anhydrous**
  - (a) Lyophilisation
  - (b) Desiccation
  - (c) Ignition
  - (d) Exsiccation
5. **For the drying processes, in which type of dryer the gas is allowed to flow upward through a bed**
  - (a) Rotary dryer
  - (b) Fluidised bed dryer
  - (c) Drum dryer
  - (d) Spray dryer
6. **Which part of prescription contains prescriber's directions to the pharmacist regarding the dosage form to be prepared and number of doses to be dispensed**
  - (a) Signatura
  - (b) Date
  - (c) Subscription
  - (d) Inscription
7. **Which of the following factor affect the dose and action of a drug in an individual**
  - I. **Route of administration**
  - II. **Body weight**
8. **\_\_\_\_\_ are viscous liquid preparations used for mouth and throat infections**
  - (a) Throat paints
  - (b) Drops
  - (c) Sprays
  - (d) Enemas
9. **Which of the following drug is present in an antibiotic ointment**
  - (a) Salicylic acid
  - (b) Neomycin
  - (c) Zinc oxide
  - (d) Silicones
10. **What are the injections given in the subcutaneous tissue under the skin of the upper arm called**
  - (a) Intravenous injection
  - (b) Intradermal injection
  - (c) Hypodermic injection
  - (d) Intramuscular injection
11. **What is used as a disinfectant of water**
  - (a) Methanol
  - (b) Chlorine
  - (c) Phenol
  - (d) Boric acid
12. **Is the science of poisons which are harmful, dangerous or fatal to human**
  - (a) Pharmacodynamics
  - (b) Pharmacy
  - (c) Toxicology
  - (d) Pharmacoeconomics
13. **\_\_\_\_\_ is defined as the amount or percentage of an active drug that is absorbed from a given dosage form**
  - (a) Bioavailability of a drug
  - (b) Biotransformation of a drug
  - (c) Renal excretion of a drug
  - (d) Retarding drug metabolism
14. **For drug receptors, receptor, is a measure of the strength of binding between the drug and its**
  - (a) Partial agonist
  - (b) Affinity
  - (c) Antagonist
  - (d) Potency

# OSSC PHARMACIST-2024

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- Which factor can influence the rate of drug absorption**
  - Drug metabolism
  - Food in the stomach
  - Excretion rate
  - Distribution to tissues
- The range of bacterial species a particular antibiotic can target is known as**
  - Antibiotic resistance
  - Antibiotic culture
  - Antibiotic spectrum
  - Antibiotic nourishment
- Insulin is responsible for maintenance of**
  - Blood Glucose level
  - Blood platelet level
  - Blood Plasma level
  - Cerebrospinal fluid level
- Thyroxine Stimulating Hormone is released by**
  - Parathyroid gland
  - Thyroid gland
  - Pineal gland
  - Pituitary gland
- Which of the following is not a disease but a symptom**
  - Typhoid
  - Dengue
  - Measles
  - Tachycardia
- The process of drug metabolism often involves the conversion of lipophilic drugs into**
  - More water-soluble compounds
  - Into less water-soluble compounds
  - Into complex compounds
  - More lipophilic compounds
- Which of the following protects Cardiac system**
  - Ribs
  - Stomach
  - Femur
  - Stapes
- Total Number of bones in adult human body are**
  - 125
  - 206
  - 302
  - 256
- OTC stands for**
  - Over-The-Counter
  - On-The-Clock
  - Out-of-The-Country
  - Over-the-cabinet
- Medication taken for prevention of a disease is known as**
  - Pre-workout drug
  - Prophylactic drug
  - Early drug
  - Recharge drug
- Geometric isomerism is most commonly observed in compounds with**
  - Single bonds
  - Triple bonds
  - Cis-trans configuration
  - Aliphatic structures
- Which dosage form is specifically designed for delivering medication directly into the rectum**
  - Suppository
  - Lozenge
  - Troche
  - Sublingual tablet
- Maximum amount of food absorption takes place in**
  - Mouth
  - Stomach
  - Oesophagus
  - Intestine
- How many sensory organs are present in human body**
  - 5
  - 6
  - 7
  - 8
- Which of the following has a specialization to treat cancer**
  - Orthopaedic
  - Paediatric
  - Oncologist
  - Pulmonologist
- Which of the following is a transition metal**
  - Sodium (Na)
  - Copper (Cu)
  - Chlorine (Cl)
  - Carbon (C)
- Which type of reaction is used to convert an alkane to an alkene**
  - Hydrogenation
  - Substitution
  - Elimination
  - Addition

# MPPGCL PHARMACIST-2024

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- Which of the following is an example of bacterial live attenuated vaccine
  - Typhoid vaccine
  - Polio vaccine
  - Yellow fever vaccine
  - Small pox vaccine
- \_\_\_\_\_ is referred to as the minimal length of time whereby all microbes present in a liquid culture medium will be killed at a given temperature
  - Thermal death point
  - Decimal reduction time
  - Thermal death time
  - Decimal death time
- In the imperial system, one drop is known as
  - 1 fluid drachm
  - 1 minim
  - 1 fluid ounce
  - 1 scruple
- According to the Hindu lunar calendar, Holi is celebrated on which of the following days
  - Phalgun Purnima
  - Magha Purnima
  - Chaitra Amavasya
  - Paush Tritiya
- Meta filter is a type of filters
  - Vacuum
  - Gravity
  - Pressure
  - Partition
- HF 11 is related to DI 20 in a certain way. UD 6 is related to QG 15 in the same manner. Following the same logic A. MJ 2 is related to which of the following
  - JN 9
  - IN 11
  - IN 9
  - JM 9
- Which of the following evaluations has to be done for tablets for evaluating mechanical shock-withstanding capacity during manufacture
  - Unique identification marking
  - Hardness and friability
  - Disintegration
  - Weight variation
- HCF of two numbers. And L.S.P. 4 and 1368. If the ratio of the numbers is 1819, then what will be the sum of these two numbers
  - 148
  - 200
  - 185
  - 111
- Select the most appropriate verb to fill in the blank. Currently, Devan \_\_\_\_\_ a response to Mohan's question
  - Was typing
  - Has been typing
  - Is typing
  - Types
- Which of the following is a chemical process of sterilisation
  - Gas sterilisation
  - Moist heat sterilisation
  - Dry heat sterilisation
  - Ionising radiations
- Polyethylene materials are used to make \_\_\_\_\_ packaging materials
  - Plastic
  - Metal
  - Glass
  - Rubber
- The brownish colouration produced in the limit test for heavy metal is due to the formation of corresponding
  - Mercaptans
  - Sulphides
  - Thioglycolate
  - Arsenates
- Which of the following formulation is obtained through mixing of immiscible liquids
  - Linctuses
  - Emulsions
  - Pastes
  - Sachets
- Weight in volume (w/v) solutions have
  - One part by weight of solute in 100 parts by volume of solvent
  - One part by volume of solute in 100 parts by volume of solvent
  - One part by weight of solute in 100 parts by weight of solvent
  - One part by volume of solute in 100 parts by weight of solvent

ISRO  
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1. **Latin word for Half is**
  - (a) Sus
  - (b) Ss
  - (c) Ad
  - (d) TDS
2. **Thixotropy is desirable in case of**
  - (a) Solutions
  - (b) Ointments
  - (c) Tablets
  - (d) Suspensions
3. **The plastic polymer which is used for the preparation of eye ointment tubes**
  - (a) Polyethylene
  - (b) Polyvinyl chloride
  - (c) Polystyrene
  - (d) Polypropylene
4. **Which drug may decrease iodide uptake by thyroid**
  - (a) Repaglinide
  - (b) Rosiglitazone
  - (c) Glipizide
  - (d) Tolbutamide
5. **Which of the following anti-arrhythmic drug acts by inhibiting potassium, sodium and calcium channels**
  - (a) Quinidine
  - (b) Lignocaine
  - (c) Amiodarone
  - (d) Flecainide
6. **Identify the liquid alkaloid**
  - (a) Nicotine
  - (b) Strychnine
  - (c) Quinine
  - (d) None of these
7. **Which of the following antibiotic is not given orally**
  - (a) Amikacin
  - (b) Ciprofloxacin
  - (c) Amoxicillin
  - (d) Co-trimoxazole
8. **The anti-tubercular drug inhibits RNA synthesis is**
  - (a) Streptomycin
  - (b) Ethambutol
  - (c) Rifampicin
  - (d) None of these
9. **Redman syndrome is associated with which of the following drug**
  - (a) Vancomycin
  - (b) Linezolid
  - (c) Azithromycin
  - (d) Rifamycin
10. **Spot the wrong statement about the Temporomandibular joint**
  - (a) It is a bilateral joint
  - (b) It is a sliding hinge joint
  - (c) Mandible forms joints on both sides of skull
  - (d) One sided joint that can be moved without moving the other
11. **Lignocaine is effective in following Cardiac arrhythmias**
  - (a) Paroxysmal supra ventricular tachycardia
  - (b) Digitalis induced ventricular extra systoles
  - (c) Atrial fibrillation
  - (d) All of these
12. **The initial dose of drug through IV bolus to achieve desirable plasma concentration at once is known as**
  - (a) Loading dose
  - (b) Maintenance dose
  - (c) Replacement dose
  - (d) Degradation dose
13. **Which of the following compounds is commonly used as an antiseptic in mouth washes and tooth pastes**
  - (a) Borax
  - (b) Saltpeter
  - (c) Hydrogen peroxide
  - (d) Sodium chloride
14. **Schedule 'P' of the drugs and cosmetic rules leads with**
  - (a) Standard of cosmetics
  - (b) Life period of drugs
  - (c) List of prescription of drugs
  - (d) Standard for disinfectant fluids
15. **The clinical trial details are given in**
  - (a) Schedule K
  - (b) Schedule A
  - (c) Schedule M
  - (d) Schedule Y
16. **Dry cough is a common side effect of**
  - (a) Atropine
  - (b) Enalapril
  - (c) Vitamin C
  - (d) Lozenges
17. **Drops are used in Otic cavity**
  - (a) Eye
  - (b) Ear
  - (c) Nasal
  - (d) None of these
18. **Standards of disinfectant fluid comes under**
  - (a) Schedule O
  - (b) Schedule P
  - (c) Schedule H
  - (d) Schedule R

# GMC JAMMU AND KASHMIR PHARMACIST-2024

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1. **Bubble point pressure test is used in validation of**
  - (a) Hot air oven
  - (b) Autoclave
  - (c) Membrane filter
  - (d) HEPA
2. **Powders used for external use are**
  - (a) Dusting Powder
  - (b) Bulk Powder
  - (c) Divided powder
  - (d) Effervescent powder
3. **Posology is a branch of pharmacy which deals with**
  - (a) Study of dosage forms
  - (b) Study of doses
  - (c) Study of drug interaction
  - (d) All of these
4. **Which of the following mill is used to reduce the size of heat liable substances**
  - (a) Ball Mill
  - (b) Pebble mill
  - (c) Fluid energy mill
  - (d) Colloidal mill
5. **Small pox vaccine was first discovered by**
  - (a) Robert Koch
  - (b) Louis Pasteur
  - (c) Liste
  - (d) Edward Jenner
6. **Medical Termination of Pregnancy Act was passed in the year**
  - (a) 1971
  - (b) 1980
  - (c) 1990
  - (d) 1949
7. **Pharmacodynamics includes**
  - (a) Drug elimination
  - (b) Drug excretion
  - (c) Drug absorption
  - (d) Mechanism of action
8. **Anti-cancer drug causing nephrotoxicity**
  - (a) Cyclophosphamide
  - (b) Busulfan
  - (c) Cisplatin
  - (d) Procarbazine
9. **Which one is not a component of Mass spectroscopy**
  - (a) Ion source
  - (b) Analyzer
  - (c) Detector
  - (d) X-ray source
10. **Term Aromatherapy was coined by**
  - (a) Gantle Fosse
  - (b) Edward Bach
  - (c) Aristotle
  - (d) Hippocrates
11. **The basic functions of the management process include all of the following EXCEPT**
  - (a) Planning
  - (b) Organizing
  - (c) Outsourcing
  - (d) Leading
12. **One of the following is not an antacid**
  - (a) Sodium bicarbonate
  - (b) Aluminium hydroxide gel
  - (c) Calcium carbonate
  - (d) Milk of bismuth
13. **The following antianginal drug is most likely to produce tachycardia as a side effect**
  - (a) Amlodipine
  - (b) Nifedipine
  - (c) Diltiazem
  - (d) Verapamil
14. **NMR spectroscopy is used for determining structure in**
  - (a) Radioactive material
  - (b) Insoluble chemical compounds
  - (c) Liquids
  - (d) Gases
15. **Which of the following is not component of pharmaceutical aerosol**
  - (a) Propellant
  - (b) Container
  - (c) Valve
  - (d) Roll tube
16. **'Shinoda test' is used for identification of**
  - (a) Alkaloids
  - (b) Terpenoids
  - (c) Flavonoids
  - (d) Resins
17. **The principle in microbiological assays is**
  - (a) At certain range the concentration of growth factor will bear a linear relationship to the amount of nutrients added
  - (b) Concentration of growth factor have a linear relationship with the growth of the organism
  - (c) Both (a) and (b)
  - (d) None of these

SEPOY  
PHARMACIST-2024

SCAN ME

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Online Test1. **Bilirubin level is increased in which disease**

- (a) Jaundice
- (b) Inflammatory bowel disease
- (c) Gastroparesis
- (d) Hiatal hernia

2. **Subscription is**

- (a) Sign of healing
- (b) Direction to doctor
- (c) Direction to pharmacist
- (d) Direction to patient

3. **Schedule M related with**

- (a) Standards for surgical dressings
- (b) Drugs to be sold on prescription only
- (c) Good manufacturing practices
- (d) Standards for medical devices

4. **Size of capsule for human use**

- (a) 1 to 10
- (b) 0.1 to 1
- (c) 000 to 5
- (d) 5 to 25

5. **Senna and digitalis contain**

- (a) Alkaloids
- (b) Glycosides
- (c) Tannin
- (d) Resin

6. **Biotransformation is known as**

- (a) Metabolism
- (b) Absorption
- (c) Excretion
- (d) Distribution

7. **In a EOQ formula**

$$EOQ = \sqrt{\frac{2 \times R \times O}{C}}$$

- (a) R = Running cost, O = Ordering cost,  
C = Capacity cost
- (b) R = Return cost, O = Ordering cost,  
C = Compliance cost
- (c) R = Usage, O = Ordering cost,  
C = Carrying cost
- (d) R = Usage, O = Offer cost,  
C = Carrying cost

8. **Buffer stock**

- (a) Half of the actual stock
- (b) Minimum stock level below which actual stock should not fall
- (c) At which the ordering process should start
- (d) Maximum stock in inventory

9. **Chemical name of Paracetamol**

- (a) Acetaminophen or para-amino phenol
- (b) p-hydroxy phenol
- (c) p-oxy phenol
- (d) o,p-amino phenol

10. **Parenteral anticoagulant is**

- (a) Warfarin
- (b) Lepirudin
- (c) Dabigatran
- (d) Low molecular weight Heparin

11. **A normal ECG report must consist of the following information**

- (a) Rhythm, cardiac axis
- (b) Conduction intervals
- (c) Description of the ST segments, QRS complexes, T-waves
- (d) All of these

12. **Size of WBC (Diameter)**

- (a) 12–17  $\mu\text{m}$
- (b) 25  $\mu\text{m}$
- (c) 30  $\mu\text{m}$
- (d) 50  $\mu\text{m}$

13. **The process of breakdown of glycogen to glucose is called**

- (a) Glucuronidation
- (b) Glycolysis
- (c) Glycogenolysis
- (d) Gluconeogenesis

14. **Vitamin B<sub>12</sub> use for prevention of**

- (a) Night blindness
- (b) Pernicious anemia
- (c) Goiter
- (d) Beriberi

15. **Which of the gland store iodine**

- (a) Pituitary gland
- (b) Thyroid gland
- (c) Adrenal gland
- (d) Thalamus



# AIIMS PATNA PHARMACIST-2023

SCAN ME

To Join FREE  
Online Test

- Which of the following is not a feature of Covalent Bonding
  - More than one pair of electrons may be shared by the concerned atoms
  - The formation of sodium chloride (NaCl) from one atom of sodium (Na) and an atom of chlorine (Cl) is an example
  - The process of sharing electrons does not produce ions
  - The combining atoms may belong to the same element or different elements
- Match the following and mark the correct answer
 

1. Alcohols	A. Peracetic acid
2. Colorants	B. Ethanol
3. Peroxides	C. Chlorhexidine
4. Biguanides	D. Ethacridine lactate

  - 1-A, 2- D, 3-C, 4-B
  - 1-B, 2-A, 3-D, 4- C
  - 1-B, 2- D, 3- A, 4- C
  - 1-B, 2- C, 3-D, 4- A
- In which of the following is the antimicrobial agent bactericidal in nature
  - Chloramphenicol
  - Erythromycin
  - Cephalosporins
  - Ethambutol
- The skeleton in the human body makes up almost how much of a healthy body's weight
  - One-fifth
  - One-third
  - Three-fourth
  - Two-fourth
- Which of the following is/are the key principles of a Damage Assessment Survey
 

1. Listen	2. Understand
3. Look	4. Action

  - Only 2, 3 and 4
  - All 1, 2, 3 and 4
  - Only 1, 2 and 3
  - Only 1, 2 and 4
- Which of the following correctly defines Pharmacognosy
  - Branch of pharmacy which plays key role in new drug discovery and development by using natural products
  - It describes the medical treatments that are used instead of traditional therapies
  - It employs treatment modalities such as purification, palliation, exercises and diets
  - It treats a patient with diet, massages, surgery and pharmacotherapy
- Which of the following is the correct definition of Bio Ethics
  - It refers to the study of moral beliefs of the people
  - It deals with origin of ethical principles that govern the specification of right and wrong behavior
  - The ethical principles or codes designed for a medical profession
  - These are the ethical principles or codes for maintaining normal livelihood
- Which of the following is true about the elected members of the Pharmacy Council of India
  - Five members elected by the University Grant Commission (U.G.C)
  - One member elected by State Council, who shall be a registered Pharmacist
  - Two members elected by Medical Council of India
  - Only 1 and 2
  - Only 1 and 3
  - Only 1
  - Only 2
- Which of the following is a function of Management
  - It makes use of the conceptual and human skills
  - It decides what is to be done and when it is to be done
  - The decisions are influenced by the values, opinions, and beliefs of the managers
  - It is concerned with formulation of broad objectives, plans and policies

# AIIMS RAIPUR PHARMACIST-2023

SCAN ME

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Online Test

- How many MBS are there in 1 GB
  - 800 MBs
  - 1024 MBs
  - 256 MBs
  - 2256 MBs
- A computer communicates with other computers on the internet through which of the following
  - TCP/IP
  - www
  - HTTP
  - Only IP
- Which of the following passes is located in Arunachal Pradesh
  - Rohtang Pass
  - Bomdila Pass
  - Both Bomdila and Rohtang Pass
  - Shipki La Pass and Rohtang Pass
- Which of the following defines depreciation
  - Destruction of a building in a fire accident
  - The monetary value of an asset decreases over time due to use, wear and tear
  - Closure of a plant due to labour trouble
  - All of these
- On which of the following days is Labour Day celebrated in India
  - 15<sup>th</sup> January
  - 1<sup>st</sup> May
  - 23<sup>rd</sup> March
  - 8<sup>th</sup> May
- \_\_\_\_\_ is a 7-bit character set containing 128 characters
  - ASCII
  - www
  - Unicode
  - Number Code
- What is the insurance cover provided to a holder of Pradhan Mantri Jan Dhan Yojana account in case of accidental death
  - 65000
  - 80000
  - 240000
  - 100000
- In which of the following cities is the Yamuna river located
  - Kolkata
  - Ludhiana
  - Mathura
  - None of these
- 'Operation Kawach' has been launched (in 2023) to crack down the menace of drugs in which of the following states/UTs
  - New Delhi
  - Haryana
  - Himachal Pradesh
  - Jharkhand
- The All India Institute of Medical Sciences (AIIMS), Delhi announced an IT outage on November 23, 2022 because of a major attack
  - Brain
  - Malware
  - Current
  - Weird
- Find out the appropriate option to correct the given sentence; The train reach its destination before time
  - Reach on destination
  - Train reached its destination
  - Destination before times
  - Train reach for destination
- Choose from the given options, the ANTONYM of the given word: Wild
  - Furious
  - Quiet
  - Violent
  - Mad
- Choose the noun from the below given sentence :- Keebok is a ramous brand or men's snoes
  - Reebok
  - Brand
  - Of
  - Famous
- Find the correctly spelt word among the given options
  - Postmartom
  - Postmortum
  - Postmortem
  - Postmartem
- Choose an appropriate word from the following options to make it a meaningful sentence. There is a antique vase \_\_\_ the table
  - during
  - then
  - they
  - on
- In the following number series only one number is wrong. Find the wrong number. 1, 2, 6, 15, 31, 56, 91
  - 91
  - 56
  - 31
  - 15

# AIIMS BHUBANESWAR PHARMACIST-2023

SCAN ME

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Online Test

- The scope of Pharmacognosy includes the study of**
  - Microorganisms
  - Synthetic drugs
  - Minerals and metals
  - Medicinal plants and natural products
- What is the term for the process of spreading investments across different asset classes to reduce risk**
  - Aggregation
  - Diversification
  - Liquidation
  - Consolidation
- What does "Rx" signify on a prescription or medication label**
  - Request
  - Refill
  - Prescription
  - Reco
- What is the primary purpose of immunosuppressants in drug classifications**
  - To relieve pain and inflammation
  - To suppress the immune system's response, often used in transplant patients
  - To lower blood pressure
  - To manage mood disorders
- What is the primary purpose of the Indian Pharmacopoeia**
  - To promote traditional medicine practices
  - To establish quality standards for drugs and pharmaceuticals
  - To monitor adverse drug reactions
  - To regulate the import of pharmaceuticals
- What does the term "Schedule H" refer to in the context of pharmaceutical legislation in India**
  - A list of over-the-counter drugs
  - A list of prescription-only drugs
  - A list of controlled substances
  - A list of banned drugs
- What does the acronym NSAIDs stand for in drug classifications**
  - New Systemic Antibiotics for Infection Diseases
  - Nonsteroidal Anti-Inflammatory Drugs
  - Narcotic Sleep Aids for Insomnia
  - Neurological Stimulants for Attention Disorders
- Which STD is characterized by an itchy, parasitic infection of the pubic hair region and is caused by the crab louse**
  - Chlamydia
  - Pthirus pubis
  - Syphilis
  - Gonorrhea
- What does "HPLC" stand for in pharmacological analysis**
  - High Particle Liquid Chromatography
  - High - Performance Liquid Chromatography
  - Highly Precipitated Liquid Concentrate
  - Heat-Powered Liquid Control
- Which of the following is a common example of an antibiotic**
  - Ibuprofen
  - Penicillin
  - Antihistamine
  - Aspirin
- Which STD is known for its association with sores and ulcers on the genitals and other parts of the body and is caused by the bacterium *Haemophilus ducreyi***
  - Gonorrhea
  - Chlamydia
  - Chancroid
  - Syphilis
- What does "SLS" stand for in size separation processes**
  - Static Light Scattering
  - Small Liquid Separation
  - Solvent Liquid Size
  - Size Liquid Separation
- What is the term for a mixture of a powdered medication and a liquid, often used for oral administration**
  - Solution
  - Suspension
  - Emulsion
  - Gel



SAFDARJUNG HOSPITAL  
PHARMACIST-2023

SCAN ME

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Online Test

- In one trip a cab can take 6 people. In how many trips can it take 42 people
  - 6 trips
  - 7 trips
  - 4 trips
  - 2 trips
- The area of rectangular plot is  $400 \text{ m}^2$  and the length is 22 m. The perimeter of the rectangular plot is
  - 68cm
  - 84cm
  - 72cm
  - 96cm
- Minakshi has 12 seashells. How many more seashells does she need to find to have 24 seashells in her collection
  - 12
  - 20
  - 24
  - 144
- The students in the science club were collecting bugs for their bug collection. Lee caught 11 bugs and Rohit caught 8 bugs. Karan caught 18 bugs and Mehar caught 6 bugs. How many bugs did they have all together
  - 45
  - 44
  - 43
  - 42
- A building has 28 floors. Each floor has 4 flats. The total number of flats in the building are
  - 104
  - 110
  - 112
  - 120
- If the difference between 85% and 48% of a number is 31(d) 5, then what is the number
  - 306
  - 850
  - 118
  - 334
- Who is Albert Einstein
  - Actor
  - Sports person
  - Scientist
  - Economist
- Where is the Gateway of India located
  - Delhi
  - Mumbai
  - Jaipur
  - Uttar Pradesh
- Which state has the highest literacy rate in India in 2023
  - Delhi
  - Maharashtra
  - Tamil Nadu
  - Kerala
- What kind of triangle has two equal sides
  - Isosceles triangle
  - Equilateral triangle
  - Scalene triangle
  - None of these
- Who is the current Chief Minister of Delhi in 2023
  - Bhagwant Mann
  - Arvind Kejriwal
  - Ragav Chaddha
  - Amit Shah
- Which of these materials is used in pencils
  - Silicon
  - Graphite
  - Zinc
  - Magnesium
- What will come in place of question mark from the given answer figures
  - D
  - A
  - C
  - B
- There are some statements given below. Choose the correct option for the following question based on given statements  
**Question: Who is tallest**  
**Statements I : D is taller than A and C**  
**Statements II : B is shorter than E but taller than D**
  - Statement I alone is sufficient while Statement II alone is not sufficient
  - Statement II alone is sufficient while Statement I alone is not sufficient
  - Both Statement I and Statement II are sufficient
  - None follows
- Amar is 3 years older to Binita and 3 years younger to Kundan, while Binita and Deepali are twins. How many years older is Kundan to Deepali
  - 12 years
  - 6 years
  - 7 years
  - 4 years
- If  $AXBA+B$ ,  $AYBA-B$ ,  $AMB AxB$ ,  $ANB = A+B$  Then what is the value of following expression
  - 0
  - 10
  - 15
  - 30
- If the day before yesterday was Saturday, what day will fall on the day after tomorrow
  - Wednesday
  - Sunday
  - Friday
  - Thursday

# MPSC PHARMACIST-2023

SCAN ME



To Join FREE  
Online Test

1. **The part of prescription containing directions to the pharmacist for preparing the prescriptions and for dispensing them, is known as**
  - (a) Superscription
  - (b) Refilling
  - (c) Subscription
  - (d) Signatura
2. **The Latin term for eardrops is**
  - (a) Auristillae
  - (b) Collyrium
  - (c) Collutorium
  - (d) Haustus
3. **Rapid development of tolerance on repeated doses of a drug in quick succession, with reduction in clinical response, is termed as**
  - (a) Synergism
  - (b) Antagonism
  - (c) Idiosyncrasy
  - (d) Tachyphylaxis
4. **Clark's formula of dose calculation is based on**
  - (a) Body Weight
  - (b) Body Surface Area
  - (c) Body Mass Index
  - (d) Age
5. **Dose calculation based on body surface area is depicted by \_\_\_\_ formula**
  - (a) Brunton's
  - (b) Crawford Terry Rourke's
  - (c) Augsberger's
  - (d) Fried's
6. **The first British Pharmacopoeia was published in**
  - (a) 1864
  - (b) 1968
  - (c) 1932
  - (d) 1885
7. **The supplement for Indian Pharmacopoeia in 2000 was introduced to include which of the following**
  - (a) Liposomal products
  - (b) Veterinary products
  - (c) Herbal drugs
  - (d) Vaccines
8. **Which of the following is an absorbable type of suture material**
  - (a) Brocafil
  - (b) Horse hair
  - (c) Silk
  - (d) Linen
9. **The standard test for catgut involving measurement by means of dial reading micrometer is known as the test for**
  - (a) Tensile Strength
  - (b) Sterility
  - (c) Gauge
  - (d) Contaminants
10. **Endotoxins otherwise known as lipopolysaccharides comprise the outermost cell wall layer of**
  - (a) Gram-Positive Bacteria
  - (b) Gram-Negative Bacteria
  - (c) Virus
  - (d) Fungi
11. **Leptospirosis is a \_\_\_\_ infection**
  - (a) Bacterial
  - (b) Parasitic
  - (c) Viral
  - (d) Fungal
12. **Which of the following is a morbidity indicator**
  - (a) Child death rate
  - (b) Life expectancy
  - (c) Case fatality rate
  - (d) Incidence
13. **The causative viral organism responsible for measles is**
  - (a) Variola
  - (b) Varicella
  - (c) Ebola
  - (d) Rubeola
14. **Which of the following is NOT an epidemiological index for measuring the tuberculosis problem in a community**
  - (a) Mortality
  - (b) Prevalence
  - (c) Morbidity
  - (d) Notification rate
15. **Which of the following is NOT an ideal characteristic of health indicators**
  - (a) Reliable
  - (b) Specific
  - (c) Resilient
  - (d) Relevant
16. **Which of the following is NOT a parameter of the traditional triangle of epidemiology**
  - (a) Environment
  - (b) Agent
  - (c) Morbidity
  - (d) Host
17. **The 'Universal Declaration of Human Rights recognising the right to health was established in**
  - (a) 1966
  - (b) 1948
  - (c) 1979
  - (d) 1989

# MADHYA PRADESH PHARMACIST-2023

SCAN ME



To Join FREE  
Online Test

- Which of the following is/are a/an indicator of the financial health of a country
  - FDI in a year
  - PPP
  - GD
  - All of these
- Who has released her book 'Miracles of Face Yoga'
  - Roshni Nadar
  - Smriti Irani
  - Gita Gopinath
  - Mansi Gulat
- The term 'caddy' is associated with which of the following sports
  - Golf
  - Cricket
  - Horse Riding
  - Tennis
- According to the New Economic Policy of 1991, Small scale industry investment limit increased to
  - Rs. 1 Crore
  - Rs. 5 Crore
  - Rs. 75 Lakh
  - Rs. 50 Lakh
- Which of the following is the oldest museum in the Asia Pacific region
  - Allahabad Museum
  - National Museum
  - Indian Museum
  - National Museum Institute of History of Art, Conservation and Museology
- In the following question, a sentence has been given in Active/Passive Voice. Out of the four alternatives suggested, select the one on Voice. We have decided to open a new retail store in this city
  - It has been decided to open a new retail store by us in this city
  - It may be decided to open a new retail store by us in this city
  - To be opened a new retail store in this city has been decided by us
  - A new retail store has to be decided to open in this city by us
- In the following question, out of the four alternatives, select the alternative which best expresses the meaning of the idiom/Phrase **Wishy washy**
  - To clean something quickly
  - To have a dispute with someone
  - To be indecisive
  - To seek revenge on another person
- Select the most appropriate option to substitute the bracket segment in the given sentence. If no substitution is required, select A society that ignores the former for the latter stays stuck in time, but (a society which ignores the latter for) the former might
  - No improvement
  - A society which is ignored the latter for
  - A society which ignored a latter for
  - A society which are ignoring a latter for
- In the following question, a sentence is provided with two blanks. Choose the correct combination of words that fit into the After using the authorised doses, the agency will the data to monitor the use of the vaccine in order assess
  - Analysed, with
  - Analyse, to
  - Analyses, with
  - Analysing, to
- The instrument which is used for the measurement of radioactivity is
  - Nuclear reactor
  - GM counter
  - Cyclotron
  - Mass spectrometer
- Which of the following is a cation
  - Chloride ion
  - Nitrate ion
  - Potassium ion
  - Hydroxide ion
- Apan's 1953 "Minamata disease" in which fish were infected was caused by an excess of which substance
  - Cadmium
  - Copper
  - Mercury
  - Nickel

# SVNIRTAR PHARMACIST-2023

SCAN ME

To Join FREE  
Online Test

1. **Ophthalmic solutions are not evaluated for**
  - (a) Sterility test
  - (b) Active ingredient
  - (c) Clarity test
  - (d) Pyrogen test
2. **What is the generic name of the drug Intropin**
  - (a) Dopamine
  - (b) Ibuprofen
  - (c) Entroquinol
  - (d) None of these
3. **Which one of the following drug's tablets should be stored in the closely tight container to prevent loss of potency**
  - (a) Phenytoin
  - (b) Propranolol
  - (c) Nitroglycerine
  - (d) All of these
4. **Efficiency of ball mill depends on**
  - (a) Rotational speed
  - (b) Density of balls
  - (c) Volume occupied by the balls
  - (d) All of these
5. **A suspension is not suitable for what type of injection**
  - (a) Intra-articular
  - (b) Intra-dermal
  - (c) Intra-muscular
  - (d) Intra-venous
6. **Isotonicity is critical for which injection**
  - (a) Intra-dermal
  - (b) Intra-muscular
  - (c) Intra-venous
  - (d) Intra-articular
7. **Methyl paraben is an ester of**
  - (a) p-hydroxybenzoic acid
  - (b) Propionic acid
  - (c) p-amino salicylic acid
  - (d) Dipropionic acid
8. **According to USP the instruction 'protect from light' in a monograph indicates storage in a**
  - (a) Dark place
  - (b) Coloured glass bottle
  - (c) Light resistant container
  - (d) Tight glass container
9. **The local anesthetic most commonly need in OTC burn remedies is**
  - (a) Benzocaine
  - (b) Butamben picrate
  - (c) Phenol
  - (d) Lidocaine
10. **Vitamin-B<sub>7</sub> is also known as**
  - (a) Thiamine
  - (b) Niacin
  - (c) Biotin
  - (d) Folacin
11. **To treat a mild case of Scabies, \_\_\_\_\_ is used**
  - (a) Calamine
  - (b) Ichthamol
  - (c) Coal tar
  - (d) Sulphur
12. **A microorganism that is particularly dangerous to eye is**
  - (a) *Aspergillus niger*
  - (b) *Bacillus subtilis*
  - (c) *E. coli*
  - (d) *Pseudomonas aeruginosa*
13. **A glycoside present in Nux-vomica seed is**
  - (a) Loganin
  - (b) Strychnine
  - (c) Brucine
  - (d) Vomisine
14. **Psoriasis is characterized by**
  - (a) Granulomatous lesions
  - (b) Nodules
  - (c) Silvery grey scales
  - (d) Small red vesicles
15. **Lemon peel is rich in terpene**
  - (a) Thymol
  - (b) Eugenol
  - (c) Menthol
  - (d) Limonene
16. **Central Drug Research Institute is situated at**
  - (a) Kasauli
  - (b) Calcutta
  - (c) Lucknow
  - (d) Bhubaneswar
17. **Thiazides may produce**
  - (a) Reduce glucose tolerance
  - (b) Hyperkalemia
  - (c) Hyperuricemia
  - (d) Hyponatremia
18. **Which one of the following body areas usually has the lowest (most acidic) pH**
  - (a) Blood
  - (b) Lachrymal fluid
  - (c) Oral cavity
  - (d) Skin

UP NHM  
PHARMACIST-2023

SCAN ME

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Online Test

- निम्नलिखित में से किसके सिवाय सभी में तरल और ठोस का सामर्थ्य व्यक्त किया जाता है  
(a) % w/w (b) % v/w  
(c) % w/v (d) % v/v
- Is the smallest capsule size  
(a) 1 (b) 4 (c) 0 (d) 5
- Nonuniformity of tablet coating is called  
(a) Sticking (b) Lamination  
(c) Mottling (d) Capping
- is equal to one centigram.  
(a) 1 mg (b) 0.1 mg  
(c) 10 mg (d) 100
- A substance which can kill pathogenic bacteria is called  
(a) Virucide (b) Bactericide  
(c) Germicide (d) Fungicide
- किसी रोलर कंपैक्टर (roller compactor) का संहनन बल किसके द्वारा नियंत्रित नहीं किया जाता है  
(a) प्रभरण पैचों की घूर्णी गति  
(b) संहनन रोल पर लगाए गए द्रवचालित दाब  
(c) संहनन रोल की घूर्णी गति  
(d) अच्छे प्रवाह और संपीडन
- निम्नलिखित में से किस भरक (filler) का उपयोग अधिकांश टेबलेट बनाने के लिए किया जाता है  
(a) Diluents (b) Disintegrants  
(c) Binders (d) Adhesives
- निम्नलिखित में से किसके सिवाय सभी में पैन कोटिंग (Pan coating) तकनीक प्रक्रिया का उपयोग किया जाता है  
(a) Enteric coating  
(b) Film coating  
(c) Compressed coating  
(d) Sugar coating
- शुष्क ताप विसंक्रमण विधि (dry heat sterilisation method) में बैक्टीरिया कारण से मारे जाते हैं।  
(a) आवश्यक कोशिकीय घटकों के ऑक्सीकरण  
(b) आवश्यक कोशिकीय घटकों के अपचयन  
(c) आवश्यक कोशिकीय घटकों के अवक्षेपण  
(d) आवश्यक कोशिकीय घटकों के हैलोजनीकरण
- कैप्सूल खोल (capsule shell) की इष्टतम आर्द्रतांशरू हैं।  
(a) 25% (b) 14%  
(c) 17% (d) 8%
- Many physicians write the prescription in accordance with the system  
(a) Metric (b) Imperial  
(c) Capacity (d) Percentage
- Invitro performance of coated tablets is evaluated by  
(a) Stress relaxation test  
(b) Disintegration test  
(c) Microindenter probe analysis  
(d) Adhesion test
- A medical prescription is represented by the symbol  
(a) Rx (b) = (c) v (d) B
- Injections are generally sterilised by the method  
(a) Heating  
(b) Moist heat sterilisation  
(c) Coagulation  
(d) Dry heat sterilization
- A normal blood sodium level is  
(a) 110-120 mEq/L (b) 80-90 mEq/L  
(c) 120-125 mEq/L (d) 135-145 mEq/L
- Is an example of high sedative  
(a) Cyproheptadine (b) Pheniramine  
(c) Diphenhydramine (d) Chlorpheniramine
- What is the colour of phenolphthalein at pH 117  
(a) Pink (b) Blue  
(c) Yellow (d) Colorless
- General anaesthetics are, of the central nervous system  
(a) Stimulators (b) Depressants  
(c) Stabilisers (d) Activators



# KPSC PHARMACIST-2022

SCAN ME

To Join FREE  
Online Test

- Sealed ampoules containing a thermostable drug solution are commonly sterilised by**  
(a) Hot air oven (b) Autoclave  
(c) Microwave oven (d) UV Chamber
- The most common method used sterilisation of vaccines among is**  
(a) Dry heat (160°C) (b) Moist heat (121°C)  
(c) Radiation (d) Both (a) and (b)
- The Chemical used for fumigation of rooms is**  
(a) Formaldehyde (b) Acetaldehyde  
(c) Helium (d) Nitrogen
- Which among the following tablets is used in Oral cavity**  
(a) Hypodermic tablets (b) Troches  
(c) Film coated tablet (d) Dispensing tablet
- The role of talc used in tablet is**  
(a) Lubricant (b) Disintegrant  
(c) Glidant (d) Both (a) and (b)
- The polymer used for enteric coating of tablets is**  
(a) Ethyl cellulose  
(b) Polyethylene glycol  
(c) Hydroxy propyl cellulose  
(d) Polyvinyl Acetate phthalate
- Which test is performed to assess the ability of the tablet to withstand abrasion in packaging, handling and transportation**  
(a) Hardness test (b) Friability test  
(c) Disintegration test (d) Dissolution test
- Which of the following capsule number can accomodate maximum medicament**  
(a) 1 (b) 0 (c) 3 (d) 5
- The term Capsule is derived from 'CAPSULA' which is a**  
(a) Greek term (b) Spanish term  
(c) Latin term (d) French term
- Hydroxypropyl methyl cellulose can be used for/as**  
(a) Diluent  
(b) Superdisintegrant  
(c) Lubricant  
(d) Making empty capsule shell (vegetarian)
- Which of the statement is true for flocculated suspension**  
(a) Particle exist as separate entities  
(b) Sediment is slowly formed  
(c) Sediment is difficult to redisperse  
(d) Rate of Sedimentation is high
- Which among the following is a better thickening agent for suspension**  
(a) Acacia (b) Tragacanth  
(c) Starch (d) Lactose
- Which of the following emulsifying agent is from plant source**  
(a) Egg yolk (b) Lecithin  
(c) Lanolin (d) Pectin
- The amount of castor oil in commercial emulsion ranges from**  
(a) 1-10% (b) 35-67%  
(c) 70-74% (d) 80-85%
- Which of the following is commonly used as abrasive in tooth paste**  
(a) Lactose (b) Calcium carbonate  
(c) Starch (d) Methyl cellulose
- Which of the following cosmetic is also having the role of a drug**  
(a) Deodorant (b) Antiperspirant  
(c) Face powder (d) Lipstick
- Which of the following fixed oil is not used for parenteral preparations**  
(a) Coconut oil (b) Sesame oil  
(c) Peanut oil (d) Cottonseed oil



86. What do you monitor when a patient is on Furosemide and Digoxin  
 (a) Heart failure (c) Hypothermia  
 (b) Hyperkalaemia (d) Hypokalaemia
87. The fraction of an administered drug that reaches the systemic circulation in unchanged form from a given dosage form  
 (a) Bioavailability  
 (b) Bioequivalence  
 (c) Therapeutic equivalents  
 (d) Pharmaceutical alternative
88. A Seizure episode can be measured by using  
 (a) X Ray (b) EEG  
 (c) Colour Doppler (d) Anthropometry
89. In which condition, the level of urinary diastase activity increases  
 (a) Meningitis (b) Cellulitis  
 (c) Pancreatitis (d) Schistosomiasis
90. Who will acts as the Chairman in PTC  
 (a) Pharmacist (b) Nurse  
 (c) Lab technician (d) Physician
91. Name the Hospital, in which the first Hospital Formulary for a Government teaching Hospital in India is published in 1997  
 (a) Christan Medical College, Vellore  
 (b) Govt Medical College, Thiruvananthapuram  
 (c) Kasturba Medical College, Manipal, Karnataka  
 (d) Govt Medical College, Chennai
92. Name the publication, published by the Drug information centre  
 (a) Drug information bulletin  
 (b) Patient information leaflet  
 (c) Patient information packaging insert  
 (d) Pharma review
93. Which of the following Tube is used to feed the patient  
 (a) B. G. set (b) Balloon catheter  
 (c) Ryle's tube (d) Foley's catheter
94. Example for inpatient Drug distribution system  
 (a) UDDS (b) PTC  
 (c) DIB (d) CSSD
95. Depreciation of machines and building are comes under which category of cost in manufacturing of drugs  
 (a) Operating cost (b) Direct cost  
 (c) Indirect cost (d) Testing cost
96. Abbreviation of HEPA  
 (a) Higher Efficacious Particulate Air  
 (b) High Effective Particulate Atmosphere  
 (c) Highly Energetic Particles Availability  
 (d) High Efficiency Particulate Air
97. "Sham" test is used to detect  
 (a) Pyrogens  
 (b) Particulate matter  
 (c) Faulty seal in packaging  
 (d) Leakage in sterile products
98. "MEDIPHOR" is the computerised service offered by a Drug information system to Monitor  
 (a) Drug abuse (b) TDM  
 (c) Drug interactions (d) Cumulative toxicity
99. Antidote for Iron poisoning  
 (a) EDTA (b) BAL  
 (c) Penicillamine (d) Desferrioxamine
100. The consumption of a drug repeatedly to produce profound effect on mood, and feeling of well-being are called as  
 (a) Drug habituation (b) Drug abuse  
 (c) Drug misconduct (d) Misbranded drug

### ANSWER KEY

1-b	2-c	3-a	4-b	5-c	6-d	7-b	8-b	9-c	10-d
11-d	12-b	13-d	14-b	15-b	16-b	17-a	18-c	19-a	20-c
21-c	22-b	23-a	24-d	25-a	26-d	27-a	28-d	29-a	30-b
31-c	32-d	33-d	34-c	35-a	36-d	37-b	38-a	39-a	40-b
41-b	42-c	43-a	44-c	45-d	46-a	47-b	48-a	49-c	50-d
51-a	52-c	53-b	54-c	55-a	56-d	57-c	58-a	59-a	60-c
61-a	62-c	63-d	64-d	65-c	66-b	67-a	68-a	69-c	70-a
71-a	72-a	73-b	74-d	75-a	76-b	77-a	78-b	79-d	80-c
81-c	82-d	83-b	84-b	85-d	86-d	87-a	88-b	89-c	90-d
91-b	92-a	93-c	94-a	95-c	96-d	97-a	98-c	99-d	100-b



# HPSSC PHARMACIST -2022

SCAN ME

To Join FREE  
Online Test

- 20 grains is equal to
  - 1 scruple
  - 1 drachm
  - 1 ounce
  - 1 pound
- A thick, viscous formulation consisting of aqueous suspensions of insoluble inorganic drugs is
  - Lotion
  - Paste
  - Elixir
  - Magma
- The first edition of British Pharmacopoeia was published in which year
  - 1854
  - 1857
  - 1864
  - 1867
- What is the dose for 6 months old infant, of drug having adult dose of 300 mg
  - 6 mg
  - 8 mg
  - 10 mg
  - 12 mg
- A powder of which all particles pass through sieve number 120 is said to be
  - Moderately coarse powder
  - Moderately fine powder
  - Fine powder
  - Very fine powder
- The three rollers in triple roller mill are arranged in which of the following manner
  - Horizontally
  - Vertically
  - Pyramid
  - Triangular
- Paka is which type of ayurvedic dosage form
  - Solid
  - Semisolid
  - Liquid
  - Powder
- Dry heating at 100°C for 1hour causes
  - Sterilization
  - Kills vegetative bacteria and spores
  - Kills vegetative bacteria but does not kill spores
  - Does not kill vegetative bacteria or spore
- Colloidal silica is used as Glidant concentration of
  - 0.2%
  - 0.5 to 2%
  - 2-5%
  - 5-7%
- The correct statement with respect to hard gelatin capsule is
  - Body is longer
  - Cap is longer
  - Both are equal
  - Body is shorter and wider
- Formula of Rochelle's salt is
  - $C_4H_4O_6KNa_4H_2O$
  - $C_2H_2O_6KNa_4H_2O$
  - $C_4H_2O_6KNa_4H_2O$
  - $C_2H_4O_6KNa_4H_2O$
- Sodium metaphosphate is used in
  - Anticaries
  - Antacid
  - Desensitizer
  - Dentifrice
- All statements listed below are correct for positive mixture, except
  - They are irreversible
  - They require energy
  - They are stable in nature
  - Formed through diffusion process
- Filter press has following advantages, EXCEPT
  - It provides large surface area
  - It is a continuous process
  - Filter media can be used repeatedly
  - High filtration pressure can be used
- Alkaline substances obtained from the ash of crude drugs are known as \_\_\_ in Ayurveda
  - Pisti
  - Bhasma
  - Dravaka
  - Kshara
- Which of the following statement is not correct for a freeze dryer
  - It is very fast process
  - Decomposition of product is minimized
  - Product is amorphous and readily soluble
  - It is useful for thermolabile substances
- $\beta$ -Propiolactone is used as
  - Preservative
  - Suspending agent
  - Stabilizer
  - Sterilizing agent

# MPNHM PHARMACIST-2022

SCAN ME

To Join FREE  
Online Test

- Regarding pharmaceutical elixirs, which of the following statement is true
  - Preservatives are required in all elixir formulations
  - Elixirs require addition of sweetening agents
  - Elixirs generally contain <10% alcohol USP
  - Colors are required for all elixir formulations
- Solid fills for hard gelatin capsules frequently contain which of the following excipient as a disintegrant
  - Glidants
  - Lactose
  - Magnesium stearate
  - Starch
- The dissolution rate of drugs from tablets may be increased by
  - Increasing the compression stress during tableting
  - Increasing the concentration of lubricant
  - Increasing the concentration of disintegrant
  - Film coating with ethyl-cellulose
- With respect to paste formulation, which among the following statement is true
  - It contains low drug loadings
  - It may not be applied to exuding wounds
  - It is used as sunblock formulations
  - Pastes are cosmetically acceptable
- Which of the following excipient is included in metered dose inhalers to increase the vapor pressure of the propellant
  - Ethanol
  - Tween 80
  - Oleic acid
  - Antioxidants
- What kind of antibacterial agent is erythromycin
  - Macrolide
  - Penicillin
  - Cephalosporin
  - Tetracycline
- Paclitaxel, a potent anticancer drug, was isolated from which natural source
  - The Pacific Yew tree
  - The Pacific Ocean
  - Fungus
  - Bacteria
- Aspirin is converted into salicylic acid in your body by which of the following reactions
  - Hydrolysis
  - Oxidation
  - Reduction
  - Conjugation
- Why esomeprazole is considered as 'me-too' drug
  - Because it produces adverse effects identical to an already known drug
  - Because it is structurally related to a first-in-class compound belonging to the same therapeutic class as the original compound
  - Because it is comparable in dose, dosage form, and intended use to an already known drug
  - Because it is manufactured by the same company as that of an already known drug
- Which of the following sulphur compound is not used as topical agent
  - Sulfasalazine
  - Sublimed sulphur
  - Precipitated sulphur
  - Selenium sulphide
- Two structurally different drugs providing same experimental conditions are said to be clinical response under same
  - Chemically equivalent
  - Biologically equivalent
  - Therapeutically equivalent
  - Clinically bioequivalent
- Which among the following is false regarding alcohol dependence
  - Tolerance is developed
  - There is no withdrawal syndrome
  - There is compulsion to take
  - Body achieves adaptive stage to alcohol

# AMCP PHARMACIST-2022

SCAN ME



To Join FREE  
Online Test

1. **Relative sweetness of sucrose, to saccharin is**  
 (a) 1:100 (b) 1:300  
 (c) 1:400 (d) 1:500
2. **Following statement is more accurate with respect to limitations of Arrhenius relationship for stability prediction**  
 (a) Order of degradation will alter at higher temperature  
 (b) Equal moisture concentrations will be mentioned at different temperatures  
 (c) Less relative humidity and oxygen solubility at higher temperature  
 (d) Same degradation mechanisms may predominate at different temperatures
3. **Lakes of Dyes available commercially contain maximum up to of pure dye**  
 (a) 15% (b) 10%  
 (c) 25% (d) 50%
4. **Type II glass containers are**  
 (a) Suitable for alkaline solutions  
 (b) Most inert glasses and shows high hydrolytic resistance  
 (c) Suitable for most acidic and neutral aqueous preparations  
 (d) Suitable for non-aqueous preparations
5. **Dimethyl sulfoxide acts as penetration enhancer for topical formulations by**  
 (a) Increasing solubility  
 (b) Denaturing proteins  
 (c) Increasing transepidermal  
 (d) Altering solvent nature of membrane
6. **SCHICK Test Toxin is a sterile Filtrate from a culture of**  
 (a) *Rickettsia prowazekii*  
 (b) *Mycobacterium diphtheriae*  
 (c) *Corynebacterium diphtheriae*  
 (d) *Actinobacillus mallei*
7. **Violin gut is obtained from intestine of**  
 (a) Horse (b) Cat  
 (c) Sheep (d) Camel
8. **An excipient Ludipress used for liquid Dosage form is a coprocessed excipient of**  
 (a) Dextrose monohydrate + Kollidon 30  
 (b) Lactose monohydrate + Kollidon 30  
 (c) Lactose monohydrate + Kollidon 30 + Kollidon CL  
 (d) Dextrose monohydrate + Kollidon 30 + Kollidon CL
9. **Pyrogens present in containers can be destroyed by heating the containers at**  
 (a) 121°C for 15 mins (b) 121°C for 30 mins  
 (c) 210°C for 4h (d) 210°C for 1h
10. **Capsule making the Bloom strength of gelatin is proportional to molecular weight of the gelatin dis a measure of the**  
 (a) Cohesive strength of the solvent molecules  
 (b) Cohesive strength of the crosslinking tha occurs between gelatin molecules  
 (c) Adhesive strength of gelatin with dipping pins  
 (d) Adhesive strength of gelatin with other polymer
11. **Choose the wrong statement from the following with regard to amorphous solids**  
 (a) Usually they are anisotropic  
 (b) They tend to flow when subjected to sufficient pressure  
 (c) Considered as super cooled fluids  
 (d) They do not have definite melting point
12. **The 'Crenulation' effect on the cell wall is caused by \_\_\_ solutions and this effect is**  
 (a) Hypertonic, reversible  
 (b) Hypotonic, reversible  
 (c) Hypotonic, irreversible  
 (d) Hypertonia, irreversible



# ISRO PHARMACIST-2021

SCAN ME

To Join FREE  
Online Test

- Saccharin is sweeter than sucrose by**  
(a) 50 times (b) 100 times  
(c) 500 times (d) 1000 times
- How many millilitres of U-100 insulin should be used to obtain 40 units of insulin**  
(a) 40 ml (b) 4 ml  
(c) 0.4 ml (d) 400 ml
- In coffee seed, caffeine is present as a salt of**  
(a) Chlorogenic acid (b) Lysergic acid  
(c) Miconic acid (d) Uric acid
- Prostaglandin analogues in ulcer therapy**  
(a) Diarrhoea (b) Abortion  
(c) Uterine bleeding (d) All of these
- Oral hypoglycemic agent, Except**  
(a) Repaglinide (b) Glipizide  
(c) Insulin (d) Glimepiride
- BCG vaccine is**  
(a) Live attenuated viral vaccine  
(b) Live attenuated bacterial vaccine  
(c) Killed bacterial vaccine  
(d) Inactivated viral vaccine
- The Central Drugs Research Institute is situated at**  
(a) Kolkata (b) Kasu  
(c) Izzat Nagar (d) Lucknow
- A receipt given by a seller to a buyer who has returned goods, which can be offset against future purchases**  
(a) Credit note (b) Invoice  
(c) Debit note (d) Bill
- Which of the following is not a macrolide antibiotic**  
(a) Erythromycin (b) Spiramycin  
(c) Azithromycin (d) Vancomycin
- Morphine is present in**  
(a) *Atropa belladonna* (b) *Papaver somniferum*  
(c) *Ricinus communis* (d) *Vinca rosea*
- Autoclaving of ampoules in a dye bath is for**  
(a) Clarity testing (b) Pyrogen testing  
(c) Leak testing (d) Sterility testing
- Anticancer drugs kill cancer cells by**  
(a) Zero order kinetics  
(b) Pseudo first order kinetics  
(c) First order kinetics  
(d) Second order kinetics
- Dopamine is degraded by**  
(a) MAO-A (b) MAO-B  
(c) Both (a) and (b) (d) None of these
- Tyndallization is the process of**  
(a) Sterilization by heating under pressure for 3 days  
(b) Sterilization by heating without pressure for 3 days  
(c) Sterilization by heating under pressure for 1 day  
(d) None of these
- Which of the following may cause cycloplegia when used topically in the eye**  
(a) Cortisone (b) Physostigmine  
(c) Pilocarpine (d) Atropine
- Captopril exerts action by inhibiting conversion of**  
(a) Angiotensin I to II  
(b) Angiotensin to Angiotensin I  
(c) Angiotensinogen to Angiotensin  
(d) Angiotensin to Angiotensinogen
- The largest peak in a mass spectrum is called as**  
(a) Parent peak (b) Daughter peak  
(c) Metastable peak (d) Base peak
- Keller Kiliani test is the identification test for**  
(a) Digitalis (b) Senna  
(c) Metformin (d) Rifampicin

# OSSSC PHARMACIST-2021

SCAN ME

To Join FREE  
Online Test

- Disposable plastic syringes are sterilized by**
  - Autoclaving
  - Boiling with water
  - Gaseous sterilization
  - None of these
- Spinal cord ends at vertebral level of**
  - T<sub>11</sub> T<sub>12</sub>
  - T<sub>12</sub> L<sub>15</sub>
  - L<sub>1</sub> L<sub>2</sub>
  - L<sub>3</sub> L<sub>4</sub>
- Cod liver oil is nutritive due to presence of**
  - Vitamin A
  - Vitamin A and D
  - Vitamin A and B
  - Vitamin E
- The capacity of bladder is about**
  - 100 ml
  - 500 ml
  - 200 ml
  - 1 liter
- Salbutamol is**
  - Non-catecholamine and beta agonist
  - Catecholamine and beta agonist
  - Non-catecholamine and alpha agonist
  - Catecholamine and alpha agonist
- In lower urinary tract infection which antibiotic is not used**
  - Amoxicillin
  - Cefalexin
  - Nitrofurantoin
  - Tetracycline
- Separation of the tablet in two or more distinct layers is**
  - Picking
  - Capping
  - Lamination
  - Broken
- The commonest form of malaria in India is caused by**
  - Plasmodium vivax*
  - Plasmodium ovale*
  - Plasmodium falciparum*
  - Plasmodium malaria*
- Normal count of Platelets in healthy human is**
  - 250000-400000/Cmm
  - 4000-11000/Cmm
  - 4 to 6 million /Cmm
  - 500/Cmm
- Which of the following is used as laxative**
  - Sodium bicarbonate
  - Sodium tricitrate
  - Sodium potassium tartrate
  - Sodium hydroxide
- Ibuprofen tablet belongs to schedule**
  - X
  - G
  - H
  - B
- Poisonous drugs are covered in**
  - Schedule E
  - Schedule F
  - Schedule Y
  - Schedule X
- Drug of choice in acute lymphatic leuke**
  - Mercaptopurine
  - Cyclophosphamide
  - Methotrexate
  - Vincristine
- License for wholesale of drugs specified in Schedule C and C1 is issued in form**
  - 20 A
  - 22 B
  - 21 B
  - 22 A
- Which of these contains benzhydryl group**
  - Histamine
  - Diphenhydramine
  - Dimenhydrinate
  - Both (b) and (c)
- If 3 capsules of 150 mg of Clindamycin are added to 150 cc of 1% cleocin topical solution what is the % of clindamycin in the final mixture**
  - 1.5%
  - 1.3%
  - 1.1%
  - 0.9%
- Surgical dressings are sterilized by**
  - Dry heat sterilization
  - Gaseous sterilization
  - Radiation sterilization
  - Moist heat sterilization
- Which of the following is a synthetic sweetener**
  - Glucose
  - Fructose
  - Dextrose
  - Sucralose
- The label "Shake well before use" is indicated on the mixture containing**
  - Soluble medicament
  - Potent medicament
  - Diffusible medicament
  - Miscible liquid

# DSSSB PHARMACIST-2021

SCAN ME

To Join FREE  
Online Test

1. **The alcohol contained in glycolipids is**  
 (a) Glycerol (b) Maltitol  
 (c) Sphingosine (d) Sorbitol
2. **Catabolism of serine takes place after getting converted to**  
 (a) Proline (b) Alanine  
 (c) Cysteine (d) Tyrosine
3. **Which of the following is a plasma protein derived chemical mediator of inflammation**  
 (a) Serotonin (b) Cytokine  
 (c) Globulin (d) Bradykinin
4. **Sinusoids are generally found in all of the following EXCEPT**  
 (a) The brain (b) The spleen  
 (c) The bone marrow (d) The liver
5. **The most abundant plasma protein present in the body is**  
 (a) Fibrinogen  
 (b) Globulin  
 (c) Albumin  
 (d) Plasminogen
6. **The source of generated enterocolitis is**  
 (a) Shellfish (b) Beef  
 (c) Water (d) Cheese
7. **The thermoregulatory centre in the brain is located in**  
 (a) The cerebellum  
 (b) The medulla oblongata  
 (c) The cerebrum  
 (d) The hypothalamus
8. **Which of the following is a software program that is programmed for doctors to enter patient symptoms into the computer**  
 (a) COPE (b) IPES  
 (c) COPES (d) SUMEX
9. **The icteric index is a measure that is used to Identify**  
 (a) Jaundice (b) Anaemia  
 (c) Gout (d) Diabetes
10. **Basic ASCII Code is a standard coding system that uses bits to code each character**  
 (a) 7 (b) 9  
 (c) 3 (d) 5
11. **The enzyme that is responsible for the conversion of ATP to cAMP is**  
 (a) Adenylyl cyclase (b) Phosphodiesterase  
 (c) Lipoprotein lipase (d) Guanyl cyclase
12. **8-bit word can address memory locations**  
 (a) 138 (b) 32  
 (c) 8 (d) 256
13. **The type of aneurysm occurring mainly in the arch of the aorta is**  
 (a) Dissecting (b) Microaneurysm  
 (c) Fusiform (d) Saccular
14. **A set of instructions is called**  
 (a) A code (b) A programmer  
 (c) A server (d) An address
15. **One of the chemical constituents present is Van den Bergh reagent A is**  
 (a) Sulfanilic acid  
 (b) Sulfanilamide  
 (c) Sodium thiosulphate  
 (d) Sodium chloride
16. **The RNA virus that causes cancer in humans**  
 (a) Hepatitis B virus  
 (b) Human papilloma virus  
 (c) Epstein-Barr virus  
 (d) Human T cell leukaemia virus
17. **The epithelium composed of a single layer of flattened cells is termed as**  
 (a) Columnar epithelium  
 (b) Pavement epithelium  
 (c) Cuboidal epithelium  
 (d) Ciliated epithelium

# DELHI GOVERNMENT PHARMACIST-2021

SCAN ME

To Join FREE  
Online Test

- Which of the following is true about Hard paraffin**
  - It consists of a mixture of liquid hydrocarbons, obtained from petroleum by distillation
  - It may contain small traces of bleaching agent which are generally left over after bleaching
  - It is a purified mixture of solid hydrocarbons obtained from petroleum
  - It is a purified mixture of semisolid hydrocarbons obtained from petroleum
- Mark the correct relationship**
  - Kuhne-proposed the term 'Enzyme'-1877
  - Lipmann - Role of ATP in biological system-1920
  - Neuberg - Chemical pathway for fermentation-1920
  - Meselson and Stahl discovered DNA polymerase-1958
- In case of Delocalization, one of the following is TRUE about Ethylene**
  - Although the three annular carbon atoms are bonded to each other via  $sp^2$  orbitals, resultant molecule does not behave as saturated compound
  - The six annular carbon atoms are bonded to each other via  $sp$  orbitals, the resultant molecule does behave as an unsaturated compound
  - Although the six annular carbon atoms are bonded to each other via  $sp^2$  orbitals, the resultant molecule does not behave as an unsaturated compound
  - The four annular carbon atoms are bonded to each other via  $sp^2$  orbitals, the resultant molecule does not behave as an unsaturated compound
- The best wetting agent for hard contact lenses**
  - Boric acid
  - Sodium chloride
  - Benzalkonium chloride
  - Polyvinyl alcohols
- Which of the following has been investigated for possible use as anaesthetics, but the sparsity with which this element occurs in nature imposes severe limitations on any conjectured use**
  - Caesium
  - Helium
  - Xenon
  - Rubidium
- Which of the following has the broad-spectrum antiemetic action effective in PONV (Postoperative Nausea and vomiting), radiation sickness vomiting and liver disease induced vomiting**
  - Anticholinergics
  - Nicotinic acid
  - Anti-Helicobacter pylori drugs
  - Neuroleptics
- Liquid anesthetic is poured over a mask with gauze and its vapour is inhaled with air, this is called**
  - Open drop method
  - Open system through anaesthetic machines
  - Closed system through anaesthetic machines
  - Close drop method following
- Yellow phosphorus is soluble in which of the**
  - Carbon tetrachloride
  - Carbon sulphate
  - Hydrogen peroxide
  - Carbon disulphide
- These ointments are used to relieve itching. Commonly used drugs are benzocaine and coal tar**
  - Antieczematous ointments
  - Antipruritic ointments
  - Keratolytic ointments
  - Counter-irritant ointments

# KERALA PHARMACIST-2021

SCAN ME

To Join FREE  
Online Test

- Which of the following statement is not true for dry heat method of sterilizations**
  - Usually, sterilization is done by heating at a temperature of 160 °C for two hours
  - Destruction of microorganism is affected by oxidation of essential cell constituents
  - This method is not suitable for powders and oily
  - This method is not suitable for surgical dressings
- Enteric coating is given to tablets in order to**
  - Protect the medicament from highly acid pH environment in stomach
  - Ensure highest concentration of drug in the stomach
  - Separate chemical or physical incompatible Ingredients
  - Prolong the duration of action of medicaments
- If a capsule is numbered as 000 which means**
  - It is the smallest sized capsule with a capacity of 100 mg
  - Is for the inclusion of ophthalmic ointments only
  - The shape of the capsule is oval
  - It is the largest sized and for veterinary purpose
- Which one of the following is a correct statement regarding soft gelatin capsule**
  - Soft gelatin shells may contain methyl and propyl parabens as preservative
  - Not suitable for use as suppositories
  - Not suitable for ophthalmic ointments
  - The manufacturing and filling of medicaments are done in separate operations
- For the evaluation of tablet, a test used to measure the amount of time required for the drug substance in tablet to go into solution under specified condition is known as**
  - Dissolution test
  - Disintegration test
  - Friability test
  - Weight variation test
- Unequal distribution of colour on a tablet with light and dark areas standing out in a uniform surface is known as**
  - Lamination
  - Capping
  - Mottling
  - Picking
- Mechanism of killing microorganisms by gaseous sterilizations is**
  - Coagulation of proteins
  - Alkylation of proteins
  - Oxidation of essential cell components
  - Nuclear destruction
- Role of glycerin or sorbitol in the manufacturing of capsule shell as**
  - Preservative
  - Flavoring agent
  - Opacifying agent
  - Plasticizer
- Sterilization by heating with a bactericide**
  - Can be used safely for intrathecal injections
  - Not suitable for intravenous injection when single dose exceeds 15 ml
  - Is performed before the preparation is transferred into the final container
  - Not suitable for eye drops
- During the formulation of tablet the purpose of adding magnesium stearate as**
  - Lubricant
  - Binding agent
  - Adsorbing agent
  - Disintegrating agent
- Lugol's solution is**
  - Weak iodine solution
  - Aqueous iodine
  - Povidone iodine
  - Jodine tincture
- Which one of the following is a common ingredient in ear drops as dewaxing agent**
  - Potassium permanganate
  - Boric acid
  - Hydrogen peroxide
  - Zinc peroxide

# DHS ASSAM PHARMACIST-2021

SCAN ME

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Online Test

1. **A gland draining its secretion through duct is known as**
  - (a) Eccrine gland
  - (b) Apocrine gland
  - (c) Endocrine gland
  - (d) Exocrine gland
2. **Synovial membrane lines the cavities of**
  - (a) Heart
  - (b) Brain
  - (c) Air sinuses
  - (d) Joints
3. **Glaucoma occurs due to increase in**
  - (a) Intracranial pressure
  - (b) Intraocular pressure
  - (c) Intravascular pressure
  - (d) Intralaminar pressure
4. **Ribosome is a site for production of**
  - (a) Nucleic acids
  - (b) Vitamins
  - (c) Chromosomes
  - (d) Proteins
5. **Mycobacterium can be stained by which of the following**
  - (a) Gram's stains
  - (b) Ziehl-neelsen stain
  - (c) Albert stain
  - (d) Neisser
6. **The polysaccharide employed for assessment of kidney function is**
  - (a) Creatinine
  - (b) Insulin
  - (c) Inulin
  - (d) Galactose
7. **The functionally active form of vitamin D is**
  - (a) 1,25-dihydroxy cholecalciferol
  - (b) Ergocalciferols
  - (c) 22-dihydroergocalciferol
  - (d) 25-hydroxy cholecalciferol
8. **The sulphur containing essential amino acids is**
  - (a) Isoleucine
  - (b) Leucine
  - (c) Lysine
  - (d) Methionine
9. **Deficiency symptoms of which vitamin include cheilosis, gloss itis and dermatitis**
  - (a) Vitamin A
  - (b) Vitamin B<sub>1</sub>
  - (c) Vitamin E
  - (d) Vitamin B<sub>6</sub>
10. **An antidote is an agent that counteracts**
  - (a) Alkali
  - (b) Acid
  - (c) Poison
  - (d) Venom
11. **Mitochondria is called the**
  - (a) Backyard of cell
  - (b) Storehouse of cell
  - (c) Power house of cell
  - (d) Cooking house of cell
12. **Pain sensation is carried by**
  - (a) Corticospinal tract
  - (b) Tectothalamic tract
  - (c) Cerebellopontine tract
  - (d) Spinothalamic tract
13. **Cell mediated immunity is the function of**
  - (a) B-lymphocyte
  - (b) T-lymphocyte
  - (c) Neutrophil
  - (d) Macrophage
14. **Junction between two neurons is called**
  - (a) Synapse
  - (b) Ganglion
  - (c) Dendrite
  - (d) End plate
15. **The 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
16. **Which of the following is called the pacemaker of heart**
  - (a) Sino atrial node
  - (b) A-V node
  - (c) Bundle of his
  - (d) Purkinje fibres
17. **The end product of purine metabolism in man is**
  - (a) Creatinine
  - (b) Uric acid
  - (c) Xanthine
  - (d) Phosphate
18. **Calamine contains**
  - (a) Calcium oxide and zinc oxide
  - (b) Zinc oxide and ferric oxide
  - (c) Silicon dioxide and titanium dioxide
  - (d) Calcium oxide and ferric oxide
19. **Zinc sulphate is used as all of the following, except as**
  - (a) Astringents
  - (b) Dietary supplement in zinc deficiency
  - (c) Dental products
  - (d) Antiemetic

# VMC PHARMACIST-2021

SCAN ME

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Online Test

1. **Yeast come under a group of**
  - (a) Bacteria
  - (b) Fungi
  - (c) Proteo
  - (d) Virus
2. **Dapsone is used for the therapy of**
  - (a) Tuberculosis
  - (b) Ameobicide
  - (c) Leprosy
  - (d) Helminthiasis
3. **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
4. **Indicate the sympathomimetic agent, which is combined with a local anesthetic to prolong the duration of infiltration nerve block**
  - (a) Epinephrine
  - (b) Xylometazoline
  - (c) Isoproterenol
  - (d) Dobutamine
5. **The extraction process where powdered crude drug is kept in contact with suitable solvent for suitable time**
  - (a) Percolation
  - (b) Decoction
  - (c) Maceration
  - (d) Reverse percolation
6. **The salt used in the X-ray studies of the gastrointestinal tract is**
  - (a) Barium sulphate
  - (b) Bismuth sub-nitrate
  - (c) Thorium dioxide
  - (d) Titanium dioxide
7. **Etoposide is a semisynthetic derivative**
  - (a) Plant Terpene
  - (b) Plant Tannin
  - (c) Plant Alkaloid
  - (d) Plant Glycoside
8. **Parasympathomimetic drugs cause**
  - (a) Bronchodilation
  - (b) Mydriasis
  - (c) Bradycardia
  - (d) Constipation
9. **Pharmacodynamics involves the study of following**
  - (a) Mechanism of drug action
  - (b) Biotransformation of drugs in organism
  - (c) Distribution of drug in organism
  - (d) Excretion of drug from organism
10. **Tuberculosis is diagnosed by**
  - (a) Widal Test
  - (b) ELISA Test
  - (c) Mantoux Test
  - (d) Alerts Method
11. **The pathogenic organism in milk is killed by**
  - (a) Tyndallisation
  - (b) Pasteurization
  - (c) Autoclaving
  - (d) Dry Heat Sterilization
12. **Tropane alkaloids can be identified by**
  - (a) Thalleoquin test
  - (b) Vitali test
  - (c) Biuret test
  - (d) Millon's text
13. **Indicate muscles, which are more resistant to block and recover more rapidly**
  - (a) Hand
  - (b) Leg
  - (c) Neck
  - (d) Diaphragm
14. **The antifungal drug, Fluconazole belongs to the class of**
  - (a) Pyridine
  - (b) Azoles
  - (c) Pyrimidines
  - (d) Acridines
15. **Which of the following is a female sex hormone**
  - (a) Stilbesterol
  - (b) Testosterone
  - (c) Estrogen
  - (d) Benzestrol
16. **The condensation of chromatin and shrinkage of the nucleus leading to cell death is termed as**
  - (a) Karyorrhexis
  - (b) Pyknosis
  - (c) Karyolysis
  - (d) Autophagy
17. **An antimalarial obtained from natural source is**
  - (a) Strychnine
  - (b) Brucine
  - (c) Reserpine
  - (d) Quinine
18. **The active metabolite of Imipramine is**
  - (a) Nortriptyline
  - (b) Amitriptyline
  - (c) Desipramine
  - (d) Alloxanthin
19. **Kala Azar is a type of**
  - (a) Giardiasis
  - (b) Leishmaniasis
  - (c) Helminthiasis
  - (d) Schistosomiasis

# MPSC PHARMACIST-2020

SCAN ME

To Join FREE  
Online Test

1. **Iodine is a component of**
  - (a) Thyroid hormone
  - (b) Pancreatic juice
  - (c) Adrenal hormone
  - (d) Pituitary hormone
2. **Which of the following has excitatory action**
  - (a) Dopamine
  - (b) Glycine
  - (c) GABA
  - (d) L-Glutamic acid
3. **Oxytocin is secreted from**
  - (a) Thyroid
  - (b) Thymus
  - (c) Pituitary
  - (d) Adrenal
4. **The shape of bacilli is**
  - (a) Comma
  - (b) Rod
  - (c) Sphere
  - (d) Oval
5. **Isotonic large volume injection contains \_\_\_\_\_ NaCl**
  - (a) 0.3%
  - (b) 0.5%
  - (c) 0.6%
  - (d) 0.9%
6. **Schedule C and C1 of Drugs and Cosmetics Act deals with**
  - (a) List of biological and special products
  - (b) Management of wholesale pharmacy
  - (c) Dyes and pigments in cosmetics
  - (d) Management of retail pharmacy
7. **Emetics stimulates**
  - (a) Lungs
  - (b) Trachea
  - (c) Bronchioles
  - (d) Chemoreceptor trigger zone
8. **Young's rule is used to determine Paediatric doses based on**
  - (a) Age
  - (b) Weight
  - (c) Temperature
  - (d) Body-surface area
9. **If the specific gravity of a solution is 0.5, and 40ml is available, then what is the total weight of the solution**
  - (a) 18 g
  - (b) 17 g
  - (c) 17.5 g
  - (d) 20 g
10. **If a disease spread all over the world, it is called**
  - (a) Epidemic
  - (b) Universal
  - (c) Pandemic
  - (d) Endemic
11. **Nirodh is which method of contraceptive**
  - (a) Terminal
  - (b) IUD
  - (c) Barrier
  - (d) Hormonal
12. **Cementum is present in**
  - (a) Teeth inside gum
  - (b) Tongue
  - (c) Oral tissue
  - (d) Teeth outside gum
13. **Clinically used oral anticoagulant is**
  - (a) Enoxaparin
  - (b) Tinzaparin
  - (c) Heparin
  - (d) Acenocoumarol
14. **Calcium is the major component of**
  - (a) Spleen
  - (b) Bone
  - (c) Kidney
  - (d) Liver
15. **The language of prescription used in olden days was**
  - (a) Latin
  - (b) English
  - (c) German
  - (d) French
16. **Vaccines require storage temperature of**
  - (a) More than 25°C
  - (b) 8-16°C
  - (c) 16-25°C
  - (d) 2-8°C
17. **Buffers are solution prepared by mixing**
  - (a) A weak acid and its salt with a strong base
  - (b) A strong base and salt with strong acid
  - (c) A weak base and salt with a weak acid
  - (d) A strong acid and its salt with strong base
18. **Pastes differ from ointment by containing**
  - (a) Zink oxide
  - (b) Paraffin
  - (c) Finely powdered particles
  - (d) Preservatives
19. **Mass number is**
  - (a) Number of electrons plus number of neutrons
  - (b) Number of electrons
  - (c) Number of protons plus number of neutrons
  - (d) Number of protons



# NTPC PHARMACIST-2020

SCAN ME

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Online Test

- The form of water most commonly used as a solvent during manufacture of the Parentrals is**
  - De ionized water
  - Potable water
  - Distilled water
  - Water for injections
- Example of neutral mixture is**
  - Ointment
  - Suspensions
  - Emulsions
  - None of these
- Magaldrate ( $MgOH_2 + AlOH$ ) is used**
  - Antacid
  - Purgative
  - Suspending agents
  - Antiseptics
- Which of the following gas is used for supporting respirating during anaesthesia**
  - Helium
  - $CO_2$
  - Nitrous oxide
  - Oxygen
- The use of zinc sulphate is**
  - Astringents
  - Emetics
  - Laxative
  - None of these
- Chlorinated lime and boric acid solution is also known as**
  - Lysol
  - Dettol
  - Eusol
  - None of these
- Major function of electrolytes are**
  - Maintainance of blood volume
  - Supply of ions
  - Regulation of osmotic equilibrium
  - All of these
- Anticaking agent for hygroscopics powders and granules is**
  - Kaolin
  - Magnesium oxide
  - Colloidal silicon dioxide
  - Talc
- Pudina contains**
  - Camphor
  - Menthol
  - Thymol
  - Terpenes
- Tulsi belongs to the family**
  - Apocyanaceae
  - Labiatae
  - Gnetaceae
  - Liliaceae
- The form of malarial infective of mosquitoes**
  - Merozoites
  - Sporozoites
  - Gametocytes
  - None of these
- Asexual multiplication of the malarial parasites takes place in which of the following**
  - RBC of the infected man
  - Liver cell of the infected man
  - In the body of infected mosquitoes
  - None of these
- Which of the following is not a mosquitoes repellent**
  - Pyrethrin
  - Citronella oil
  - Allethrin
  - DDT (dichloro difluoro trichloro ethane)
- Lemmon grass oil is**
  - Volatile oil
  - Fixed oil
  - Wax
  - Oleo resins
- The drugs used as carminatives**
  - Cloves
  - Kalmegh
  - Belladonna
  - Fennel
- Ephedrine is used in the treatment of**
  - TB
  - Typhoid
  - Bronchial asthma
  - Malaria
- Colchicum is used to cure**
  - CCF
  - Peptic ulcer
  - Gout
  - Infections
- Cinnamon bark is also known as**
  - Kapur
  - Dalchini
  - Araroba powder
  - Cinchona
- Quinine is the active constituent of**
  - Cinnamon bark
  - Ashoka
  - Cinchona bark
  - Arjuna



# NCL PHARMACIST-2020

SCAN ME

To Join FREE  
Online Test

1. **Phase four clinical trials are also called**
  - (a) Human Pharmacology and safety
  - (b) Therapeutic exploration
  - (c) Therapeutic confirmation
  - (d) Post-marketing surveillance
2. **Therapeutic Index is a measure of**
  - (a) Efficacy
  - (b) Safety
  - (c) Adverse Effects
  - (d) Potency
3. **Elimination after 3 half-lives in 1<sup>st</sup> order Kinetics is**
  - (a) 12.5%
  - (b) 75%
  - (c) 87.5%
  - (d) 94%
4. **As per The Drugs and Cosmetic Act 1940, Prescription drugs are included in**
  - (a) Schedule C
  - (b) Schedule H
  - (c) Schedule P
  - (d) Schedule X
5. **Forced Alkaline Diuresis is effective in management of poisoning by which of the following agents**
  - (a) Phenobarbitone
  - (b) Lead
  - (c) Iron
  - (d) Organophosphates
6. **Bioavailability is**
  - (a) Amount of drug that reaches the systemic circulation
  - (b) Drug metabolized in liver before the drug reaches the systemic circulation
  - (c) Drug metabolized in liver after the drug reaches the systemic circulation
  - (d) Maximum by rectal route
7. **Pharmacodynamics include**
  - (a) Drug elimination
  - (b) Drug excretion
  - (c) Drug absorption
  - (d) Mechanism of Action
8. **Which is not an effect of atropine**
  - (a) Rise of body temperature
  - (b) Decreased salivary secretion
  - (c) Bradycardia
  - (d) Increased A-V Conduction
9. **Which is not a cardio selective B-blocker**
  - (a) Acebutolol
  - (b) Atenolol
  - (c) Pindolol
  - (d) Metoprolol
10. **Which  $\beta_1$  selective blocker is used in glaucoma**
  - (a) Betaxolol
  - (b) Levobunolol
  - (c) Timolol
  - (d) Carteolol
11. **Blockade of neuromuscular transmission by botulinum toxin is an example of**
  - (a) Depolarizing block
  - (b) Competitive block
  - (c) Presynaptic block
  - (d) Postsynaptic block
12. **Alpha-1 blocker without any effect on blood pressure is**
  - (a) Tamsulosin
  - (b) Prazosin
  - (c) Doxazosin
  - (d) Terazosin
13. **Mechanism of action of clonidine is mediated by which of the following receptor**
  - (a) Alpha 1
  - (b) Alpha 2
  - (c) Beta 1
  - (d) Beta 2
14. **All of the following are the features of atropine poisoning EXCEPT**
  - (a) Mydriasis
  - (b) Hallucinations
  - (c) Hypothermia
  - (d) Coma
15. **Antidote for nicotine poisoning is**
  - (a) Neostigmine
  - (b) Atropine
  - (c) Phentolamine
  - (d) Trimethaphan
16. **A most common dose-related side effect of Salbutamol is**
  - (a) Nervousness
  - (b) Palpitation
  - (c) Restlessness
  - (d) Tremors
17. **Mechanism of action of Zileuton**
  - (a) Inhibits production of IgE
  - (b) Inhibits lipoxygenase
  - (c) Inhibits cyclooxygenase
  - (d) Inhibits the activity of mast cells

# HPSSC PHARMACIST-2020

SCAN ME

To Join FREE  
Online Test

1. **All of the following statements are true for bulk powders, EXCEPT**
  - (a) Consist of solid, dry particles
  - (b) Particles are of uniform size
  - (c) Contain one or more active ingredient
  - (d) Usually contain non-potent medicament
2. **IP 2014 incorporates**
  - (a) 1550 monographs      (b) 2050 monographs
  - (c) 2550 monographs      (d) 3050 monographs
3. **The first edition of British Pharmacopoeia was published in which year**
  - (a) 1854                      (b) 1857
  - (c) 1864                      (d) 1867
4. **Indian Pharmacopoeia uses**
  - (a) Metric system          (b) Avoirdupois system
  - (c) Apothecaries system      (d) All of these
5. **Calculate the volume of 95% alcohol required to prepare 600 ml of 70% alcohol**
  - (a) 157.9 ml                  (b) 211.05 ml
  - (c) 368.9 ml                  (d) 422.1 ml
6. **What is the dose for 6 months old infant, of drug having adult dose of 300mg**
  - (a) 6 mg                      (b) 8 mg
  - (c) 10 mg                      (d) 12 mg
7. **An ideal closure does all of the following, EXCEPT**
  - (a) Keeps product safe
  - (b) Allows entry of air
  - (c) Prevent particulate matter from entering into product
  - (d) Assist in proper use of product are
8. **Factor affecting size reduction include all of following, EXCEPT**
  - (a) Stickiness                  (b) Softening temperature
  - (c) Hardness                      (d) Sublimation
9. **A powder of which all particles pass through sieve number 120 is said to be**
  - (a) Moderately coarse powder
  - (b) Moderately Fine Powder
  - (c) Fine Powder
  - (d) Very Fine Powder
10. **In the working of cyclone separator, the suspension of solid in gas is introduced through**
  - (a) Central opening at top of cylinder
  - (b) Tangential opening at the cylinder
  - (c) Conical end opening at the base
  - (d) All of these
11. **The three rollers in triple roller mill arranged in which of the following manner**
  - (a) Horizontally                  (b) Vertically
  - (c) Pyramid                      (d) Triangular
12. **Filter candles are made of**
  - (a) Thin flat cellulose acetate
  - (b) Metal rings
  - (c) Borosilicate glass
  - (d) Kieselguhr
13. **An extraction process in which water is poured over drugs, allowing close contact for stated period and finally filtering off liquid is called**
  - (a) Maceration                  (b) Percolation
  - (c) Infusion                      (d) Digestion
14. **Asava is \_\_\_\_ type of ayurvedic dosage form**
  - (a) Solid                          (b) Semisolid
  - (c) Liquid                          (d) Powder
15. **The evaporating pan is heated with which of the following**
  - (a) Steam
  - (b) Liquefied petroleum gas
  - (c) Electric heaters
  - (d) Chemical combustion
16. **Time required to kill a specific micro-organism at a given temperature under specific condition is called as**
  - (a) D Value                      (b) Z Value
  - (c) Inactivation factor          (d) Thermal death time

# BSSC PHARMACIST-2019

SCAN ME

To Join FREE  
Online Test

1. **Who is regarded as the Father of surgery in ancient India**
  - (a) Sushruta
  - (b) Charaka
  - (c) Vasavadatta
  - (d) Dhanvantari are there in the normal
2. **How many bones are there in the normal adult human body**
  - (a) 201
  - (b) 204
  - (c) 206
  - (d) 210
3. **Which of these is used in the treatment of malaria of malaria**
  - (a) Mefloquine
  - (b) Azithromycin
  - (c) Rabeprazole
  - (d) Methotrexate
4. **The organism responsible for AIDS IS**
  - (a) Hepatitis B virus
  - (b) HIV
  - (c) Herpes virus
  - (d) Plasmodium
5. **Which of the following routes of drug administration is not parenteral**
  - (a) Intravenous
  - (b) Subcutaneous
  - (c) Intradermal
  - (d) Sublingual
6. **Beta-blockers are used in the treatment of**
  - (a) Hypertension
  - (b) Myxedema
  - (c) Diabetes mellitus
  - (d) Hypercholesterolemia
7. **What is the primary use of Pioglitazone**
  - (a) Anti-convulsant
  - (b) In Hypertension
  - (c) In Diabetes
  - (d) In Malaria
8. **Fever with body aches and low platelet counts is likely to be**
  - (a) Dengue
  - (b) Typhoid
  - (c) TB
  - (d) Pneumonia
9. **The process of transport across a cell in particulate form by formation of vesicles is called**
  - (a) Active transport
  - (b) Facilitated diffusion
  - (c) Pinocytosis
  - (d) Passive diffusion
10. **When the rate of elimination of a drug remains constant irrespective of drug concentration, it is said to follow**
  - (a) Zero-order kinetics
  - (b) First-order kinetics
  - (c) Exponential kinetics
  - (d) Secretary kinetics
11. **Complete drug elimination occurs usually after**
  - (a) 2 half-lives
  - (b) 3 half-lives
  - (c) 5 half-lives
  - (d) 10 half-lives
12. **Hit and Run' drugs are**
  - (a) Whose plasma concentration cannot be measured
  - (b) Whose effect lasts longer than the drug itself
  - (c) Those with short life
  - (d) Those withdrawn from market very fast
13. **The longest bone in the body is**
  - (a) Humerus
  - (b) Stapes
  - (c) Tibia
  - (d) Femur
14. **A drug which activates a receptor to produce an effect in the opposite direction to that of a well-recognized agonist is called**
  - (a) Partial agonist
  - (b) Antagonist
  - (c) Super Agonist
  - (d) Inverse agonist
15. **Which is the largest organ in the body**
  - (a) Skin
  - (b) Brain
  - (c) Heart
  - (d) Kidney
16. **Cardiac output is the product of heart rate and**
  - (a) Respiratory rate
  - (b) Minute ventilation
  - (c) Stroke volume
  - (d) Peripheral resistance
17. **Precordium refers to the area overlying the**
  - (a) Heart
  - (b) Lungs
  - (c) Stomach
  - (d) Urinary bladder
18. **The route of administration for insulin is**
  - (a) Subcutaneous
  - (b) Intramuscular
  - (c) Intravenous
  - (d) All of these

**89. Which of these is NOT long-acting insulin**

- (a) Degludec (b) Lispro  
(c) Glargine (d) Detemir

**90. Which condition commonly causes severe pain, redness and swelling of the first metatarsal joint**

- (a) Rheumatoid arthritis (b) Gout  
(c) SLE (d) Osteoarthritis

**91. Which of these is not an antibiotic drug**

- (a) Azithromycin (b) Linezolid  
(c) Cefpirome (d) Oseltamivir

**92. Which of the following is used in the treatment of Addison's disease**

- (a) Steroid (b) Statin  
(c) Sulfasalazine (d) Sulfonylureas

**93. Ergot contains which type of Alkaloids**

- (a) Indole (b) Modified diterpene  
(c) Purine (d) Isoquinoline

**94. Vitamin C is**

- (a) Oil soluble (b) Water soluble  
(c) Water insoluble (d) Fat soluble

**95. The shape of Vibrio Cholerae is**

- (a) Round shape (b) Bullet shape  
(c) Comma shape (d) Bottle shape

**96. Warm temperature storage condition explained in IP and USP ranges from**

- (a) 25°C to 40°C (b) 25°C to 35°C  
(c) 30°C to 40°C (d) 35°C to 45°C

**97. Central Drug Laboratory is situated in**

- (a) Chennai (b) New Delhi  
(c) Kolkata (d) Mumbai

**98. Which is NOT a synthetic local anaesthetic**

- (a) Cinchocaine (b) Benzocaine  
(c) Lignocaine (d) Cocaine

**99. Which of the following is a hormonal method**

- (a) Creams (b) Suppository  
(c) Foam (d) Mala-D pill

**100. Unexpected drug responses which cannot be predicted in individual recipients are defined As**

- (a) Hypersensitivity (b) Idiosyncrasy  
(c) Teratogenicity (d) Anaphylaxis

**ANSWER KEY**

1-a	2-c	3-a	4-b	5-d	6-a	7-c	8-a	9-c	10-a
11-c	12-b	13-d	14-d	15-a	16-c	17-a	18-a	19-b	20-b
21-c	22-a	23-d	24-a	25-a	26-a	27-b	28-c	29-a	30-c
31-d	32-b	33-a	34-d	35-c	36-d	37-d	38-a	39-d	40-b
41-c	42-b	43-b	44-a	45-c	46-b	47-d	48-a	49-a	50-b
51-a	52-b	53-c	54-c	55-d	56-d	57-c	58-a	59-b	60-c
61-a	62-c	63-a	64-c	65-b	66-b	67-a	68-a	69-c	70-c
71-c	72-d	73-a	74-b	75-d	76-d	77-b	78-a	79-c	80-d
81-b	82-c	83-b	84-d	85-b	86-d	87-c	88-c	89-b	90-a
91-d	92-a	93-a	94-b	95-c	96-c	97-c	98-d	99-d	100-b

# ESIC PHARMACIST-2019

SCAN ME



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Online Test

1. **In which of the following step of mitosis, 46 chromosomes present as complementary**
  - (a) Anaphase
  - (b) Prophase
  - (c) Telophase
  - (d) Metaphase
2. **An element having a vital role in the biosynthesis of thyroid hormone is**
  - (a) Iodine
  - (b) Zinc
  - (c) Chlorine
  - (d) Bromine
3. **Anaphylactic allergy falls under which of the following types of hypersensitivity**
  - (a) Type I
  - (b) Type IV
  - (c) Type II
  - (d) Type III
4. **Which of the following is a macrolide antibiotic**
  - (a) Erythromycin
  - (b) Streptomycin
  - (c) Kanamycin
  - (d) Neomycin
5. **Which of the following can be marketed under generic name**
  - (a) Analgin
  - (b) Meprobamate
  - (c) Glutethimide
  - (d) Barbitol
6. **The classification of bacteria as heterotrophs is based on which of the following**
  - (a) Development temperature
  - (b) Requirement of nutrition
  - (c) Energy source
  - (d) Requirement of oxygen
7. **Etoposide is a semisynthetic derivative of**
  - (a) Plant terpene
  - (b) Plant glycoside
  - (c) Plant tannin
  - (d) Plant alkaloid
8. **Which of the following is an anti-thyroid drug**
  - (a) Methimazole
  - (b) Tolazamide
  - (c) Levothyroxin
  - (d) Chlorpropamide
9. **Haemostatic forceps are also known as**
  - (a) Artery forceps
  - (b) Swab holding forceps
  - (c) Moynihan's forceps
  - (d) Ordinary forceps
10. **The Keller-Kiliani test is specific for**
  - (a) Linamarin
  - (b) Digitoxose
  - (c) Cascaroside
  - (d) Prunasine
11. **Nicotinic receptor is a**
  - (a) G-protein coupled receptor
  - (b) Ligand-gated cation channel
  - (c) Nuclear receptor
  - (d) Tyrosine kinase receptor
12. **Chromones are isomeric with**
  - (a) Indoles
  - (b) Quinolines
  - (c) Pyrimidines
  - (d) Coumarins
13. **Endothelium with squamous epithelium is related to**
  - (a) Lymph vessels
  - (b) Collecting duct
  - (c) Small intestine
  - (d) Heart
14. **Phylloquinone is another name for**
  - (a) Vitamin D
  - (b) Vitamin K
  - (c) Vitamin E
  - (d) Vitamin A
15. **When anesthetic is injected into subconscious state, it is considered as follows**
  - (a) Epidural anesthesia
  - (b) Infiltration anesthesia
  - (c) Spinal anesthesia
  - (d) Surface anesthesia
16. **A sulphur-containing amino acid is**
  - (a) Methionine
  - (b) Glutamine
  - (c) Ornithine
  - (d) Asparagine
17. **The Pharmaceutical Price Regulation Scheme is exercised to have**
  - (a) Direct control over branded price
  - (b) Indirect control over generic price
  - (c) Indirect control over branded price
  - (d) Direct control over generic price
18. **Bismuth sub carbonate is a/an**
  - (a) Antacid and laxative
  - (b) Adsorbent and astringent
  - (c) Saline laxative
  - (d) Diuretic and electrolyte replenished



# RAILWAY PHARMACIST-2019

SCAN ME

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Online Test

- “Hammer mill” works on the principle of**
  - Compression
  - Cutting
  - Impact
  - Attrition
- Enamel is a constituent of**
  - Hair
  - Bones
  - Nail
  - Teeth
- In Differential Thermal analysis, a record is made of the**
  - Energy inputs
  - Moisture difference
  - Mass difference
  - Temperature difference
- Estimation of serum creatinine is considered to be a more reliable indicator for the evaluation of**
  - Gastric function
  - Lung function
  - Kidney function
  - Liver function
- Angio-oedema is the adverse drug reactions affecting the**
  - Gastro intestinal tract
  - Skin
  - Liver
  - Pancrease
- Satpura National Park is situated in which State**
  - Andhra Pradesh
  - Maharashtra
  - Himachal Pradesh
  - Madhya Pradesh
- The Indian Army constructed the longest suspension bridge called ‘Maitri’ across which river**
  - Indus
  - Ganges
  - Narmada
  - Brahmaputra
- Entamoeba histolytica belongs to class**
  - Fungus
  - Virus
  - Protozoa
  - Bacteria
- The “CMC section of Investigational new drug application” should be bound in a**
  - Orange press board binder
  - Green press board binder
  - Black press board binder
  - Red polyethylene binder
- “Calamine lotion” is an example for**
  - Liquid - Gas phases mixing
  - Liquid - Liquid phases mixing
  - Solid - Liquid Phases of mixing
  - Soluble solid - Liquid phases mixing
- Which one of the following is not a radiation obtained from radioactive compounds**
  - Gamma
  - Beta
  - Alpha
  - Epsilon
- The reaction between an acid and a base to give a salt and water is known as a \_\_\_\_ reaction**
  - Combustion
  - Double decomposition
  - Nucleophilic
  - Neutralisation
- According to Drugs and Cosmetics Act 1940 and Rules 1945, the insulin preparations should be stored at a temperature \_\_\_\_\_**
  - Below 1°C
  - Above 25°C
  - 2 to 8°C
  - 9 to 25°C
- Heterocyclic compounds are**
  - Cyclic compounds
  - Alicyclic compounds
  - Open chain compounds
  - Non cyclic compounds
- By selling a CPU for Rs.6785, a man makes a profit of 15%. At what price should he sell it to make a profit of 25% (in Rs.)**
  - 7375
  - 7275
  - 7475
  - 7575
- Willingness to strive for the goals of a particular group is termed as**
  - Constitution
  - Halo effect
  - Morale
  - Appraisal
- Aspirin should be used with caution in**
  - Fever
  - Head Ache
  - Asthma
  - Tachycardia
- The band of the coloured components of a light beam is called its \_\_\_\_\_**
  - Spectrum
  - Form
  - Accommodation
  - Range

# ITBP PHARMACIST-2019

SCAN ME



To Join FREE  
Online Test

1. Drug that inhibits the conversion of testosterone to dihydrate testosterone in prostate carcinoma  
(a) Finasteride (b) Dutasteride  
(c) Both (a) and (b) (d) Tamoxifen
2. The pH of Human tears is  
(a) 3 (b) 8 (c) 7.6 (d) 4.6
3. Central Drug Laboratory is established in  
(a) Delhi (b) Lucknow  
(c) Calcutta (d) Gujarat
4. Which of the following is used to adjust isotonicity  
(a) Dextrose (b) NaCl  
(c) Boric Acid (d) All of these
5. Pharmacological science relating to the collection, detection, assessment, monitoring, and prevention of adverse reactions is called  
(a) Pharmacology (b) Pharmacovigilance  
(c) Pharmacodynamic (d) Pharmacognosy
6. Urethral suppositories are also known as  
(a) Bougies (b) Pessaries  
(c) Both (d) None of these
7. To identify the emulsion type which of the following tests are conducted  
(a) Dilution test (b) Dye Test  
(c) Conductivity Test (d) All of these
8. The noxious or unintended response to a drug that occurs at a usual dose is called  
(a) ADR (b) ATP  
(c) ADD (d) ACT
9. Drugs that overcome the action of poison are commonly known as  
(a) Antidote (b) Antitussive  
(c) Analgesic (d) Antiviral
10. Which of the following drug is used in the case of paracetamol poisoning  
(a) Digitoxin (b) Butadiene  
(c) N-acetyl cysteine (d) Mefenamic acid
11. Antidote of organophosphate are  
(a) Dimercaprol (b) Atropine sulphate  
(c) Cyanide (d) Penicillamine
12. The following can be used to antagonize the action of Heparin in the case of an overdose  
(a) Heparan sulphate (b) Dextran sulphate  
(c) Protamine sulphate (d) Anatacid
13. Opium poisoning is overcome by  
(a) Pyridoxine (b) Digoxin  
(c) Naloxone (d) Physostigmine
14. Simple sucrose syrup is  
(a) 90% w/v (b) 80% w/v  
(c) 85% w/v (d) 95% w/v
15. Shape of vaginal suppositories are  
(a) Oviform shape (b) Torpedo shape  
(c) Pencil shape (d) None of these
16. Average pulse pressure is  
(a) 40 mm Hg (b) 50 mm Hg  
(c) 120 mm Hg (d) 10 mm Hg
17. One of the following which one is used to grasp heavy tissue  
(a) Babcock (b) Kocher  
(c) Foester (d) Dissector
18. The medication that can be obtained only by prescription is called  
(a) OTC Drug (b) Oral Drug  
(c) Legend drug (d) All of these
19. Absorption of iron is increased in the presence of  
(a) Vitamin A (b) Vitamin B  
(c) Ferritin (d) Vitamin B<sub>12</sub>
20. Which of the following is a sialglycoprotein  
(a) Heparin (b) Adrenaline  
(c) Erythropoietin (d) Serotonin
21. The Pharmacy Council of India was first constituted in the year  
(a) 1948 (b) 1949  
(c) 1947 (d) 1999



# CGHS BANGLORE PHARMACIST-2019

SCAN ME



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Online Test

1. Which one of these following drugs is most likely to cause loss of equilibrium and auditory damage
  - (a) Amikacin
  - (b) Ethambutol
  - (c) Isoniazid
  - (d) Rifabutin
2. Schedule P
  - (a) Deals with expiry period of drug formulation
  - (b) Gives the names of psychotropic drugs
  - (c) Give specimens of prescribed forms
  - (d) Deals with pack size of drugs
3. Regulatory body responsible for monitoring of ADRs in India
  - (a) Central Drugs Standard Control Organization
  - (b) Indian Institute of Sciences
  - (c) Pharmacy Council of India
  - (d) Medical Council of India
4. The first stage of wetting on addition of granulating agent to the powders is characterized by which one of the following
  - (a) Capillary state
  - (b) Pendular state
  - (c) Funicular state
  - (d) Droplet state
5. The field of pharmacy that concerns with the lawful practices and judiciary approval of different pharmacy products is
  - (a) Pharmacy administration
  - (b) Drug regulatory affairs
  - (c) Both (a) and (b)
  - (d) Pharmacy practice
6. Good Laboratory Practice (GLP) works on the basis of
  - (a) WHO guidelines
  - (b) OECD guidelines
  - (c) Ministry of Chemicals and fertilizers, Government of India guidelines
  - (d) ISO guidelines
7. Which of the following drying method is used in pharma industry for drying of soft gelatin capsule
  - (a) Vacuum drying
  - (b) Truck drying
  - (c) Fluid bed drying
  - (d) Microwave drying
8. Longest acting nitroglycerine preparation
  - (a) Glyceryl trinitrate
  - (b) Amyl nitrite
  - (c) Pentaerythritol tetranitrate
  - (d) Isosorbide dinitrate
9. Seliwanoff's test is positive in
  - (a) Glucose
  - (b) Galactose
  - (c) Fructose
  - (d) Mannose
10. Which vasodilator is also used to stimulate hair growth
  - (a) Hydralazine
  - (b) Diazoxide
  - (c) Minoxidil
  - (d) Sodium nitroprusside
11. Trials for the import and manufacture of new drugs are to be carried out as per
  - (a) Schedule C and C1
  - (b) UGC guidelines
  - (c) schedule Y
  - (d) Schedule J
12. Which one of the following drugs is used to treat bradycardia or hert block during anaesthesia
  - (a) Atropine
  - (b) Ipratropium
  - (c) Propantheline
  - (d) Glycopyrrolate
13. The only vitamin that is teratogenic is
  - (a) Vit A
  - (b) Vit B
  - (c) Vit C
  - (d) Vit D
14. Centchroman belongs to which category of drugs
  - (a) Oral anticoagulant
  - (b) Oral contraceptive
  - (c) Oral antidiabetic
  - (d) Oral haematinic
15. The main side effect associated with Statins is
  - (a) Inflammation
  - (b) Ototoxicity
  - (c) Myositis
  - (d) Vomiting
16. The proteins which are ATP dependent pumps and facilitate the efflux of drug molecules from the cell are known as
  - (a) Cytochrome P430 3A4
  - (b) P-glycoproteins
  - (c) Cytochrome P430
  - (d) Carrier for active transport
17. Hora somni means
  - (a) Sufficient amount
  - (b) At bed time
  - (c) At once
  - (d) If necessary

# CGHS DELHI PHARMACIST-2018

SCAN ME

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Online Test

- The Pharmacy act was passed in the year**  
(a) 1948 (b) 1947  
(c) 1950 (d) 1965
- Which of the following is not among the orphan drugs**  
(a) Sodium nitrite  
(b) Fomepizole  
(c) Liposomal amphotericin B  
(d) Ketoconazole
- Which of the following is NOT a lipid derived autacoids**  
(a) Histamine  
(b) Prostaglandins  
(c) Platelet activating factor  
(d) Leukotrienes
- Which of the following chamber of heart receives venous blood from the whole body**  
(a) Left Atrium (b) Right Atrium  
(c) Left Ventricle (d) Right Ventricle
- Which of the following food source has the highest "Mean iodine content"**  
(a) Vegetables (b) Sea water fish  
(c) Fresh water fish (d) Meat
- Which of the following CNS (Central Nervous system) depressant barbiturates is long acting**  
(a) Cyclobarbitol (b) Thiomytal sodium  
(c) Barbiton (d) Pentothal sodium
- Methadone helps in recovery of which of the following type of Drug dependence**  
(a) Amphetamine type (b) Cannabis type  
(c) Morphine type (d) Cocaine
- The group of enzymes which can hydrolysed ester, ether, peptide of glycosidic bonds by adding water and then breaking the bond is**  
(a) Lyases (b) Transferases  
(c) Oxidoreductases (d) Hydrolases
- "Varicella vaccine" is given for the prevention of which of the following diseases**  
(a) Tuberculosis (b) Chicken pox  
(c) Cervical cancer (d) Hepatitis A
- Among the peripherally acting muscle relaxants, depolarizing blocker Which of the following**  
(a) Pipecuronium (b) Pancuronium  
(c) Suxamethonium (d) Atracurium
- Which of the following can be used as an antidote for Atropine**  
(a) Oxyphenonium  
(b) Hyocine butyl bromide  
(c) Propantheline  
(d) Physostigmine
- The route of administration of Human monovalent live vaccine (RV1) for rotavirus**  
(a) Oral (b) Intra-dermal  
(c) Subcutaneous (d) Intramuscular
- What is the fatal dose of paraldehyde**  
(a) 5 to 10 ml (b) 15 to 20 ml  
(c) 25 to 50 ml (d) 10 to 15 ml
- For the management of Asthmatic cough, which of the following is a right treatment approach**  
(a) Antibiotics  
(b) H<sub>2</sub> Blocker  
(c) Proton pump inhibitor  
(d) Inhaled β<sub>2</sub> agonists
- Conjunctival Xerosis occurs due to deficiency which of the following vitamins**  
(a) Vitamin A (b) Vitamin C  
(c) Vitamin B<sub>12</sub> (d) Vitamin K
- The route of administration of vaccine BCG is**  
(a) Intradermal (b) Intra-muscular  
(c) Intravenous (d) Oral

# ISRO PHARMACIST-2018

SCAN ME



To Join FREE  
Online Test

1. **When urinary pH becomes 8.0, significant increase in excretion of one of the drugs takeplace**  
 (a) Mepyramine      (b) Aspirin  
 (c) Morphine      (d) Mecamylamine
2. **Which of the following anticancer drug is obtained from plant**  
 (a) Cisplatin      (b) Uracil  
 (c) Vincristine      (d) Tamoxifen
3. **Which diuretic competes with Aldosterone**  
 (a) Mannitol      (b) Furosemide  
 (c) Ethacrynic acid      (d) Spironolactone
4. **causes systemic arteriolar dilatation and thereby reduces after load**  
 (a) Amyl nitrates      (b) Chlorothiazide  
 (c) Nifedipine      (d) Atenolol
5. **Diseases like Rickets, Scurvy and Beriberi occur due to the deficiency of**  
 (a) Amino acids      (b) Carbohydrates  
 (c) Lipids      (d) Vitamins
6. **Which of the following anti-diabetic drug acts by decreasing the amount of glucose produced by the liver**  
 (a) Sulfonylureas  
 (b) Meglitinides  
 (c) Biguanides  
 (d) Alpha-glucosidase inhibitors
7. **An example of rapidly acting anticoagulant**  
 (a) Warfarin      (b) Phenindione  
 (c) Propranolol      (d) Heparin
8. **The precursor used in the manufacture of Benzyl penicillin is**  
 (a) Phenyl Acetic acid  
 (b) 6-Aminopenicillonic acid  
 (c) Acetic acid  
 (d) Propionic acid
9. **Equation that gives the rate of drug dissolution from a tablet is**  
 (a) Fick's law  
 (b) Noyes Whitney  
 (c) Henderson Hasselbalch  
 (d) Michaelis-Menten
10. **The process of addition of non-solvent to the solution which decreases the solubility of the solute is called**  
 (a) Droning  
 (b) Solvent a evaporation  
 (c) Super saturation  
 (d) Nucleation
11. **The most suitable disinfectant for decontamination of HIV Contaminated endoscope is**  
 (a) 1% sodium hypochlorite  
 (b) 2% glutaraldehyde  
 (c) 5% phenol  
 (d) 70% ethanol
12. **Creaming is process**  
 (a) Reversible      (b) Irreversible  
 (c) Downward      (d) Both (a) and (c)
13. **is an example of non-ionic polymer.**  
 (a) Cellulose      (b) Pectin  
 (c) Glucose      (d) Methyl cellulose
14. **Which of the following is related to a suspension**  
 (a) Stoke's law  
 (b) Brownian movement  
 (c) Zeta potential  
 (d) Both (a) and (c)
15. **Which of the following is used as a viscosity enhancer in ophthalmic preparations**  
 (a) Citric acid  
 (b) Polyvinyl alcohol  
 (c) Povidone  
 (d) All of these
16. **\_\_\_\_\_ inactivates benzalkonium chloride**  
 (a) Acetone      (b) Methylcellulose  
 (c) Heat      (d) Soap

CG  
PHARMACIST-2017

SCAN ME

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- Which of the following reagent is not used for the detection of alkaloids**  
(a) Mayer's reagent (b) Wagner's reagent  
(c) Nessler's reagent (d) Dragendorff's reagent
- The use of polar solvents with acidified aqueous solution helps in removing**  
(a) Pigments, sugars and other organic secondary constituents  
(b) Basic impurities and other organic secondary constituents  
(c) Pigments and sugars  
(d) Secondary constituents and pigments
- What is the ideal time for collecting the leaf and flowering tops in vinca**  
(a) Before pollination  
(b) During autumn or rainy season  
(c) During spring or early summer  
(d) Before reaching their flowering stage
- The presence of conjugated system of double bonds in terpenoid can be detected by**  
(a) Ozonolysis  
(b) Oxidation with chromic acid  
(c) Diel's Alder reaction  
(d) Haloform reaction
- Uric acid on mild oxidation with nitric acid gives**  
(a) Urea and hydantoin  
(b) Urea and mesoxalic acid  
(c) Allantoin and carbon dioxide  
(d) Urea and alloxan
- Theophylline is**  
(a) 1, 3 dimethyl xanthine  
(b) 1, 3 dimethyl uric acid  
(c) 3, 7 dimethyl xanthine  
(d) 1, 3, 7 trimethyl xanthine
- Which is the basic steroidal nucleus**  
(a) Pyridine-pyrrolidine nucleus  
(b) Phenanthrene nucleus  
(c) 1, 2 cyclopentanoperhydro phenanthrene  
(d) Indole nucleus
- When oestrone is distilled with zinc dust, it yields chrysene. What does this show**  
(a) Presence of benzenoid ring  
(b) Presence of three double bonds  
(c) Presence of ketonic group  
(d) Presence of steroid nucleus
- Bortrager's test is used for the detection of**  
(a) Saponin glycosides  
(b) Anthracene glycosides  
(c) Cardiac glycosides  
(d) Coumarin glycosides
- Drying quality of high proportion of linoleic acid and linolenic acid is characterized by higher**  
(a) Saponification value (b) Acid value  
(c) Iodine value (d) Ester value
- What is the synonym of guggul resin**  
(a) Podophyllin (b) Commiphora  
(c) Bol (d) Loban
- In which class Furacin is the most effective anti-infective agent**  
(a) Pyridine derivative (b) Thiophane derivative  
(c) Indole derivative (d) Furan derivatives
- Which is the most effective gaseous sterilizing agent**  
(a) Dibromsalan (b) Tribromsalan  
(c) Propiolactone (d) Chlorhexidine
- Cotrimoxazole is the combination of**  
(a) Trimethoprim and sulfonamide  
(b) Sulfisoxazole and phenazopyridine  
(c) Sulfisoxazole and sulfadiazine  
(d) Sulfamethoxazole and sulfadiazine
- Griseofulvin is an example of**  
(a) Polypeptide antibiotic  
(b) Macrolide antibiotic  
(c) Tetracycline antibiotic  
(d) Antifungal antibiotic



# ESIC PHARMACIST-2016

SCAN ME



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Online Test

1. **Crystalluria is the side effect associated with**  
 (a) Quinolones (b) Azoles  
 (c) Sulfonamides (d) Taxol
2. **The Drugs and Cosmetic Act was passed in**  
 (a) 1940 (b) 1945  
 (c) 1947 (d) 1946
3. **Which of the following is a female sex hormone**  
 (a) Stilbesterol (b) Testosterone  
 (c) Estrogen (d) Benzestrol
4. **Chloroquine is a**  
 (a) 4-Amino quinoline (b) Acridine  
 (c) Biguanide (d) Pyrimidine
5. **In the paediatric dose calculation, children in the first twenty days of birth comes under the class of**  
 (a) Infant (b) Child  
 (c) Neonatal (d) Just born
6. **A naturally occurring carminative is**  
 (a) Asafoetida (b) Asoka  
 (c) Arjuna (d) Agar
7. **The meaning of Latin term Rx**  
 (a) Take thou (b) When necessary  
 (c) Send (d) Write
8. **The DPCO (Drug Price Control Order) was exercised by central government in**  
 (a) 1985 (b) 1995  
 (c) 1987 (d) 1997
9. **Myocardium is a special muscle tissue found only in the**  
 (a) Brain (b) Heart  
 (c) Stomach (d) Lungs
10. **The schedule to which 'List of drugs to be sold on prescription only' belong to**  
 (a) Schedule H (b) Schedule W  
 (c) Schedule X (d) Schedule M
11. **Mannitol is**  
 (a) Loop diuretic  
 (b) Osmotic diuretic  
 (c) Potassium sparing diuretic  
 (d) Carbonic anhydrase diuretic
12. **The formulations used for dental hygiene are known as**  
 (a) Insufflation (b) Snuffs  
 (c) Cachets (d) Dentifrices
13. **Erythroblastosis fetalis arises due to the incompatibility in the**  
 (a) Lymph (b) Blood  
 (c) Synovial fluid (d) Bile
14. **A parenteral anticoagulant drug is**  
 (a) Penicillin (b) Phenindione  
 (c) Warfarin (d) Heparin
15. **Drug and Magic Remedies act was passed in**  
 (a) 1956 (b) 1954  
 (c) 1952 (d) 1953
16. **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
17. **Tropane alkaloids can be identified by**  
 (a) Thalleoquin test (b) Vitali test  
 (c) Biuret test (d) Millon's test
18. **The powerhouse of the cell is**  
 (a) Golgi bodies (b) Mitochondria  
 (c) Ribosomes (d) Nucleus
19. **Which of the following is benzodiazepine, EXCEPT**  
 (a) Diazepam (b) Nitrazepam  
 (c) Zolpidem (d) Triazolam
20. **Which of the following is a natural emulsifying agent obtained from vegetable source**  
 (a) Starch (b) Gelatin  
 (c) Egg yolk (d) Wool fat
21. **A chelating agent used in the case of poisoning is**  
 (a) Sodium phosphate (b) Dimercaprol  
 (c) Ferrioin (d) Bismuth subnitrate



# RAJASTHAN PHARMACIST-2016

SCAN ME

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Online Test

1. **'qs' in prescription means**
  - (a) Every hour
  - (b) Sufficient quantity
  - (c) Every time
  - (d) Every day
2. **Cyanocobalamin is a**
  - (a) Vitamin
  - (b) Cholinesterase inhibitor
  - (c) Steroid
  - (d) Hallucinogen
3. **NSAID is**
  - (a) Dicloran
  - (b) Diazepam
  - (c) Chloroquine
  - (d) Morphine
4. **What is myocardial infarction**
  - (a) Pain due to ischemic death of myocardium
  - (b) Pain decreased heart rate
  - (c) Pain due to increased blood pressure
  - (d) Pain due to hear failure
5. **Example for osmotic purgative**
  - (a) Magnesium sulphate
  - (a) Liquid paraffin
  - (c) Phenolphthalein
  - (d) Castor oil
6. **What is rectified spirit**
  - (a) 75 % ethanol
  - (b) 100% ethanol
  - (c) 90% ethanol
  - (d) 50% ethanol
7. **Preservative useful in eye drops**
  - (a) Mercuric chloride
  - (b) Chlorine water
  - (c) Bromine water
  - (d) Phenyl mercuric nitrate
8. **Drug obtained by recombinant DNA technology**
  - (a) Tetanus toxoid
  - (b) Penicillin
  - (c) Human insulin
  - (d) Zidovudine
9. **The Antibiotics are manufactured in large scale by**
  - (a) Surface culture in liquid medium
  - (b) Surface culture in solid medium
  - (c) Submerged culture in liquid medium
  - (d) Submerged culture in solid medium
10. **Antibodies are**
  - (a) Immunogens
  - (b) Haptens
  - (c) Immunoglobulins
  - (d) Allergens
11. **In what disease heart fails to pump**
  - (a) Angina pectoris
  - (b) Hepatic coma
  - (c) Nephrotic syndrome
  - (d) Congestive cardiac failure
12. **Drug obtained from plant source**
  - (a) Reserpine
  - (b) Penicillin
  - (c) Ethanol
  - (d) Sulfamethoxazole
13. **One teaspoonful is equal to**
  - (a) 30 ml
  - (b) 15 ml
  - (c) 10 ml
  - (d) 5 ml
14. **Dapsone is used in**
  - (a) Tuberculosis
  - (b) Leprosy
  - (c) AIDS
  - (d) Malabsorption syndrome
15. **Pulmonary tuberculosis spreads by**
  - (a) Insect vectors
  - (b) Indirect contact
  - (c) Droplet infection
  - (d) Direct contact
16. **Facilitated diffusion or glucose takes place sites EXCEPT**
  - (a) Skeletal muscle
  - (b) Adipose tissue
  - (c) Insulin dependent tissues
  - (d) Renal tubules
17. **What type of solution is normal saline**
  - (a) Hypertonic
  - (b) Isotonic
  - (c) Paratonic
  - (d) Hypotonic
18. **Opioid derivative used in cough syrup**
  - (a) Pentazocine
  - (b) Diphenoxylate
  - (c) Noscapine
  - (d) Buprenorphine
19. **How many drops constitute 1 ml**
  - (a) 5
  - (b) 10
  - (c) 15
  - (d) 20
20. **The term 'bd' in prescription means**
  - (a) Twice daily
  - (b) Thrice daily
  - (c) Once a day
  - (d) Four times a day

# BCCL PHARMACIST-2015

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1. **Which bone is the largest bone in human body**  
(a) Femur (b) Humerus  
(c) Tibia (d) Radius
2. **A cyclist turning around a curved road leans inwards. By doing so which force he is providing himself which enables to take a turn**  
(a) Centrifugal force (b) Centripetal force  
(c) Angular velocity (d) None of these
3. **The liquid drops or gas bubbles are always spherical due to**  
(a) Volume tension (b) Surface tension  
(c) Gravitational force (d) Magnetic force
4. **The branch of biology that deals with the study of fungi is called**  
(a) Algology (b) Phycology  
(c) Mycology (d) Microbiology
5. **The Higgs-boson particle which was discovered by scientists. Is also known as**  
(a) Quantum particle (b) God particle  
(c) Atomic particle (d) High mass particle
6. **Drug use to treatment of gout**  
(a) Colchicum corm (b) Turmeric  
(c) Ephedra (d) Acacia
7. **General test to identify carbohydrates**  
(a) Mayer's test (b) Benedict's test  
(c) Shinoda test (d) Molisch's test
8. **Meaning of anatomy is**  
(a) Study of plants  
(b) Study of microbes  
(c) Study of human body parts  
(d) None of these
9. **Xerophthalmia is due to the deficiency of**  
(a) Vitamin D (b) Vitamin C  
(c) Vitamin B (d) Vitamin A
10. **Drug used as sedative and antiepileptic**  
(a) Morphine (b) Thebaine  
(c) Solasodine (d) Diazepam
11. **The barium meal is**  
(a) Barium chloride (b) Barium nitrate  
(c) Barium carbonate (d) Barium sulphate
12. **The citric acid is used in iron limit test**  
(a) To prevent color due to sulphate  
(b) To prevent color due to copper  
(c) To prevent color due to chloride  
(d) To prevent color due to lead
13. **Antidote used in cyanide poisoning**  
(a) Sodium thiosulphate  
(b) Sodium benzoate  
(c) Sodium potassium tartrate  
(d) Sodium nitrate and sodium thiosulphate
14. **Which of the following is not formed by haemoglobin**  
(a) Bilirubin (b) Fibrinogen  
(c) Stercobilin (d) Urobilinogen
15. **Drug Warfarin is used in disease**  
(a) Hypertension  
(b) Thrombosis  
(c) Angina pectoris  
(d) Congenital heart failure
16. **Level of norepinephrine elevated in brain in**  
(a) Schizophrenia (b) Arthritis  
(c) Myasthenia gravis (d) Glaucoma
17. **Brine is concentrated solutions of**  
(a) Sodium hydroxide  
(b) Sodium chloride  
(c) Sodium bicarbonate  
(d) Sodium sulfite
18. **Deficiency of copper causes**  
(a) Night blindness (b) Wilson disease  
(c) Cushing's disease (d) Leukaemia
19. **Naphazoline is used in**  
(a) Asthma (b) Hypotension  
(c) Nasal decongestion (d) Hay fever
20. **Drug to kill viruses is**  
(a) AZT (b) Penicillin  
(c) Idoxuridine (d) None of these





# PHARMACIST

## SECTION-II

# MODEL PAPERS

## With Answer Key

- ✓ 10 Model Paper for Practice
- ✓ According to Pharmacist Examination

# 10

PAPERS



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## MODEL PAPER-1

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1. Which of the following capsule size has the smallest capacity  
(a) 5 (b) 1  
(c) 0 (d) 000
2. Sub-coatings given to the tablets  
(a) To prevent the solubility in acidic media  
(b) To avoid deterioration due to microbial attack  
(c) To increase bulk  
(d) To avoid stickiness
3. The pressurized dosage form meant for administration in to respiratory tract in the form of fine particles are  
(a) Aerosols (b) Pressurizer  
(c) Nebulisers (d) None of these
4. Liposomes are  
(a) Uni or multilayered vesicles of phospholipids  
(b) Type of enzymes  
(c) Fibrinopeptides  
(d) Red blood cells
5. The correct equivalent for  $-10^{\circ}\text{C}$  is  
(a)  $-10^{\circ}\text{F}$  (b)  $+22^{\circ}\text{F}$   
(c)  $-18^{\circ}\text{F}$  (d)  $+14^{\circ}\text{F}$
6. In the mixing of thymol and menthol the following type of incompatibility occurs  
(a) Chemical incompatibility  
(b) Therapeutic incompatibility  
(c) Physical incompatibility  
(d) Tolerance incompatibility
7. Convert 90% v/v alcohol to Proof strength. Choose the correct answer  
(a)  $57.77^{\circ}$  Under Proof (b)  $57.77^{\circ}$  Over Proof  
(c)  $47.41^{\circ}$  Over Proof (d)  $47.41^{\circ}$  Under Proof
8. SOS means which one of the following  
(a) Take occasionally (b) Take immediately  
(c) Take when necessary (d) Take as directed
9. Which one of the following formulations provides the slowest rate of drug absorption as compared with the others  
(a) Syrup (b) Elixir  
(c) Aqueous solution (d) Tablet
10. Which of the following drugs can be marketed under generic name  
(a) Aspirin (b) Dolo  
(c) Ibuprofen (d) Valium
11. Licence to operate "Blood Bank" is granted by  
(a) Director of medical and health services of the State  
(b) Medical council of state  
(c) Drug Licencing Authority of state  
(d) Chief Medical and Health Officer of the concerned district
12. The minimum age prescribed for registration of pharmacist is  
(a) 16 years (b) 18 years  
(c) 21 years (d) No age bar
13. The I.P. test for ensuing the quality of drug products in tablet form include all of the Following, EXCEPT  
(a) Disintegration (b) Dissolution  
(c) Hardness (d) Friability
14. Tobacco contains a poisonous substance called  
(a) Nicotine (b) Narcotics  
(c) Alcohol (d) Caffeine
15. Cortisone is used as an effective anti-inflammatory drug in the treatment of  
(a) High blood pressure (b) Arteriosclerosis  
(c) Arthritis (d) Diabetes
16. Pharmacy Act passed on  
(a) 4<sup>th</sup> March 1940 (b) 5<sup>th</sup> March 1940  
(c) 4<sup>th</sup> March 1948 (d) 5<sup>th</sup> March 1948
17. Dengue is caused by  
(a) Female Aedes (b) Male Aedes  
(c) Male Anopheles (d) Female Anopheles
18. Total number of members in DTAB is  
(a) 18 (b) 17 (c) 16 (d) 15





1. **An emulsion is a colloid of a**  
(a) Gas in a liquid      (b) Liquid in a liquid  
(c) Liquid in a gas      (d) Gas in a solid
2. **Percentage of carbon in steel ranges**  
(a) 0.1 to 1.5      (b) 1.5 to 3.0  
(c) 3.0 to 4.0      (d) 4.0 to 6.0
3. **Which is the anti-coagulant substance in blood**  
(a) Fibrinogen      (b) Heparin  
(c) Thrombin      (d) Globin
4. **The ideal weight for an adult person is calculated on the basis of**  
(a) Age      (b) Height  
(c) Economic status      (d) All of these
5. **Risk factors for developing coronary heart disease include**  
(a) Smoking      (b) Hypertension  
(c) Serum Cholesterol      (d) All of these
6. **The salt intake per day should be kept to a limit of**  
(a) 1 gm daily      (b) 5 gm daily  
(c) 10 gm daily      (d) 15 gm daily
7. **A normal blood pressure is said to be about**  
(a) 300 / 200      (b) 200 / 150  
(c) 120 / 80      (d) 70 / 40
8. **Pulse rate of babies is**  
(a) More than adults      (b) Less than adults  
(c) Same as adults      (d) No fixed pattern
9. **Normal respiratory rates in adults is about**  
(a) 5/ min      (b) 10/min  
(c) 17/min      (d) 27/min
10. **Streptococcal throat infection can later lead to**  
(a) Tuberculosis  
(b) Leprosy  
(c) Rheumatic heart Disease  
(d) Malaria
11. **While calculating birth rates the denominator used is**  
(a) Live births      (b) Mid-year population  
(c) Census population      (d) All of these
12. **The objective of National population policy is to bring the total fertility rates to replacement level by**  
(a) 2005      (b) 2010  
(c) 2015      (d) 2020
13. **A woman is expected to attend the antenatal clinic at least / month during the first 7 months**  
(a) One      (b) Twice  
(c) Thrice      (d) Four times
14. **On an average a normal healthy woman should gain about \_\_\_\_kg of weight during pregnancy**  
(a) 5 kg      (b) 12 kg  
(c) 20 kg      (d) 30 kg
15. **An unimmunized mother should be given \_\_\_\_\_ doses of Tetanus toxoid during pregnancy**  
(a) One      (b) Two  
(c) Three      (d) Four
16. **One gram of protein will give .... Kcal/gm**  
(a) 4      (b) 9      (c) 12      (d) 15
17. **The reference protein is**  
(a) Egg      (b) Milk  
(c) Meat      (d) Fish
18. **Limiting Amino acid in pulses is**  
(a) Lysine      (b) Threonine  
(c) Methionine      (d) Valine
19. **Saturated fatty acids are all except**  
(a) Lauric      (b) Palmitic  
(c) Stearic      (d) Oleic
20. **Deficiency of vitamin D causes**  
(a) Rickets      (b) Scurvy  
(c) Night blindness      (d) All of these
21. **Pellagra is a deficiency disease caused due to the deficiency of**  
(a) Riboflavin      (b) Thiamine  
(c) Niacin      (d) Folate

## MODEL PAPER-3

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- Sulphur containing amino acid is**  
(a) Methionine (b) Leucine  
(c) Valine (d) Asparagine
- The protein present in hair is**  
(a) Keratin (b) Elastin  
(c) Myosin (d) Tropocollagen
- In proteins the  $\alpha$ -helix and  $\beta$ -pleated sheet are examples of**  
(a) Primary structure  
(b) Secondary structure  
(c) Tertiary structure  
(d) Quaternary structure
- The optimal pH for the enzyme pepsin is**  
(a) 1.0–2.0 (b) 4.0–5.0  
(c) 5.2–6.0 (d) 5.8–6.2
- Which of the following is an Ayurvedic preparation containing self-generated alcohol**  
(a) Ghrita (b) Asava  
(c) Lehya (d) Gutika
- Deficiency of vitamin D causes**  
(a) Ricket and osteomalacia  
(b) Tuberculosis of bone  
(c) Hypothyroidism  
(d) Skin cancer
- Which one of the followings is used as systemic alkali**  
(a) Sodium chloride (b) Sodium bicarbonate  
(c) Sodium sulphate (d) Sodium acetate
- Which one of the following will give "Molisch test"**  
(a) Protein (b) Lipids  
(c) Glucose (d) Flavo proteins
- The rate of diffusion of drug across biological membrane is**  
(a) Directly proportional to the concentration gradients  
(b) Dependent on route of administration  
(c) Indirectly proportional to membrane thickness  
(d) None of these
- Nicotine from tobacco is an alkaloid which is**  
(a) Oxygen free liquid (b) Semisolid  
(c) Crystalline (d) Oxygen free solid
- An absorption process is not involved when a drug is given by following route**  
(a) Oral (b) Nasal  
(c) Intravenous (d) sublingual
- Preferential COX-2 inhibitor is**  
(a) Tenoxicam (b) Diclofenac  
(c) Celecoxib (d) Diflunisal
- Cells of Leydig occur in**  
(a) Liver (b) Ovary  
(c) Testis (d) Spleen
- Which of the following is the most electronegative atom**  
(a) Nitrogen (b) Oxygen  
(c) Fluorine (d) Chlorine
- Trachoma is a disease related to**  
(a) Eyes (b) Ears  
(c) Nose (d) Throat
- Leprosy should be treated for a minimum period of**  
(a) Lifelong (b) 20 yrs  
(c) 5 yrs (d) 6-12 months
- "Astrocytes" are present in**  
(a) Blood - cerebrospinal fluid barrier  
(b) Blood brain barrier  
(c) Blood placental barrier  
(d) Cell membrane barrier
- Goiter is related to the gland**  
(a) Pancreas (b) Thyroid  
(c) Parotid (d) Adrenals
- Diabetes is caused due to deficiency of**  
(a) Insulin (b) Ptyalin  
(c) Thyroxin (d) Glucagon





1. **A red pigment in the blood cells which combines with oxygen and carbon dioxide for carrying them**
  - (a) Red blood cells
  - (b) Haemoglobin
  - (c) Platelet
  - (d) Plasma
2. **Characteristic of the blood flow due to arterial bleeding is the following EXCEPT**
  - (a) Bright red in colour
  - (b) Spurts at each cartrachian of the heart
  - (c) Flow is pulsatile
  - (d) Dark red in colour
3. **Strength of savlon for cleaning of wounds**
  - (a) 110
  - (b) 1100
  - (c) 11000
  - (d) 110000
4. **Inflammation of the tongue**
  - (a) Glossitis
  - (b) Gingivitis
  - (c) Stomatitis
  - (d) Parotitis
5. **Which of the following is predisposing cause for bed sore EXCEPT**
  - (a) Impaired circulation
  - (b) Lowered vitality
  - (c) Emaciation
  - (d) Anorexia
6. **The most important minerals stored in bones are**
  - (a) Calcium and iron
  - (b) Calcium and potassium
  - (c) Sodium and potassium
  - (d) Calcium and phosphorus
7. **Dopamine is derived from**
  - (a) Tyrosine
  - (b) Thebaine
  - (c) Codeine
  - (d) Emetine
8. **Which is most infectious disease**
  - (a) Hepatitis - B
  - (b) AIDS
  - (c) Cough & Common Cold
  - (d) Malaria
9. **By whom influenza occurs**
  - (a) Virus
  - (b) Bacteria
  - (c) Fungi
  - (d) Protista
10. **By What antibodies are made**
  - (a) RBCs
  - (b) Thrombocytes
  - (c) Monocytes
  - (d) Lymphocytes
11. **Father of medicine is**
  - (a) Hippocrates
  - (b) Aesculapius
  - (c) Sushrutha
  - (d) Thomas Sydenham
12. **James Lind is related to the disease**
  - (a) Small pox
  - (b) Scurvy
  - (c) Scabies
  - (d) Scoliosis
13. **DPT vaccination is related to the disease**
  - (a) Polio
  - (b) Measles
  - (c) Pertussis
  - (d) All of these
14. **Chicken pox is caused due to a**
  - (a) Virus
  - (b) Bacteria
  - (c) Fungus
  - (d) Protozoa
15. **Measles vaccine is given under the National Immunization Programme**
  - (a) 1 month
  - (b) 6 months
  - (c) 9 months
  - (d) 15 months
16. **The classical triad of Rubella include**
  - (a) Cataract
  - (b) Cardiac Malformation
  - (c) Deafness
  - (d) All of these
17. **BCG vaccination is given to protect against**
  - (a) Tuberculosis
  - (b) Meningitis
  - (c) Chicken pox
  - (d) All of these
18. **The diluent and sweetening agent used in chewable tablets and lozenges is**
  - (a) Mannitol
  - (b) Starch
  - (c) Sucrose
  - (d) Lactose
19. **The disintegrant used in chewable tablets**
  - (a) Sodium starch glycollate
  - (b) Lactose
  - (c) Starch
  - (d) None of these

## MODEL PAPER-5

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- Temporary hardness of water may be softened by
  - Boiling
  - Clarks lime process
  - Deionized water
  - All of these
- HSAB categorizes acids and bases according to properties of
  - Size
  - Charge
  - Polarizability
  - All of these
- $\text{KMnO}_4$  solutions are used for
  - Antibacterial
  - Antifungal
  - Both (a) and (b)
  - Antiviral
- Hydrogen peroxide is used as
  - Antiseptic
  - Acidifying agent
  - Protective
  - Antioxidant
- Side effect of antacid therapy
  - Acid rebound
  - Systemic alkalosis
  - Xerostomia
  - All of these
- Gamma rays are electromagnetic radiation with a wavelength
  - Much larger than those of light
  - Much shorter than those of light
  - Equal to light
  - None of these
- Medical prescription is represented by \_\_\_\_\_ symbol
  - Rx
  - $\beta$
  - $\mu$
  - $\pm$
- Limit test for iron purple color is due to formation of
  - Ferrous thioglycolate
  - Lead thioglycolate
  - Ferrous sulphate
  - Ferrous ammonium sulphate
- Compounds capable of function as antimicrobial agent through oxidative mechanism are
  - $\text{H}_2\text{O}_2$
  - $\text{Ca}(\text{OCl})_2$
  - $\text{KMnO}_4$
  - All of these
- Invitro performance of coated tablets is evaluated by
  - Adhesion test
  - Microinjector probe analysis
  - Disintegration test
  - Stress relaxation test
- Taenia solium* and *Trichinella spiralis* can be prevented by eating properly cooked
  - Fish
  - Pork
  - Beef
  - Vegetables
- Therapy of *Vibrio cholerae* is
  - TMP-SMX
  - ORS
  - Ceftriaxone
  - Erythromycin
- Family of Measles virus is
  - Paramyxoviridae
  - Rhabdoviridae
  - Orthomyxoviridae
  - Flaviviridae
- The most common vector of Dengue virus is
  - Anopheles minimus*
  - Mansonia* sp.
  - Aedes aegypti*
  - Aedes albopictus*
- The most common fungal opportunistic infection is caused by
  - Aspergillus fumigatus*
  - Cryptococcus neoformans*
  - Candida albicans*
  - Mucor
- In Type I hypersensitivity, the predominant antibody that is elicited is
  - IgA
  - IgE
  - IgG
  - IgM
- The unevenness of tablet coating is called
  - Capping
  - Mottling
  - Lamination
  - Sticking
- At birth, the main source of Hematopoietic Stem Cell is the
  - Liver
  - Spleen
  - Bone Marrow
  - Thymus
- Pan coating technique process is used in all of the following, EXCEPT
  - Enteric coating
  - Compressed coating
  - Sugar coating
  - Film coating



1. **Glycyrrhizic acid is a**  
(a) Alkaloid (b) Glycoside  
(c) Tannins (d) Fat
2. **Glycosides are condensation products of**  
(a) Sugar + aglycone (b) Sugar + protein  
(c) Protein + aglycone (d) Fats + aglycone
3. **Stas-otta process is used for extraction of**  
(a) Alkaloids (b) Tannins  
(c) Terpenoids (d) Resins
4. **Mechanism of action of Terbinafine includes**  
(a) Inhibit squalene epoxidase  
(b) Inhibits lanosterol 14-demethylase  
(c) Inhibits glycan synthase  
(d) Inhibits protein synthesis
5. **Borntrager test is used for one of the following drugs**  
(a) Senna (b) Aloe  
(c) Digitalis (d) Strophanthus
6. **Chemical name of Aspirin is**  
(a) Acetyl salicylic acid  
(b) Para-amino salicylic acid  
(c) Para-aminobenzoic acid  
(d) Acetaminophen
7. **The following drug metabolizing reaction is entirely non-microsomal**  
(a) Glucuronide conjugation  
(b) Acetylation  
(c) Oxidation  
(d) Reduction
8. **Codeine demethylated to give a metabolite**  
(a) Oxycodone (b) Scopolamine  
(c) Heroine (d) Morphine
9. **Which of the following also known as dry distillation**  
(a) Compressive distillation  
(b) Steam distillation  
(c) Destructive distillation  
(d) Batch distillation
10. **The plasma concentration at which pharmacological response is initiated is known as**  
(a) Maximum safe concentration  
(b) Area under the curve  
(c) Minimum effective concentration  
(d) Peak plasma concentration
11. **Sutures are**  
(a) Sterile threads or strings specially prepared for use in surgery and meant for stitching the tissue  
(b) Materials either used alone or in combination to cover the wound  
(c) Agents which kills the bacteria's and virus  
(d) Sterile strands used to stop bleeding by tying the blood vessels
12. **Which of the following amino acids is achiral**  
(a) Alanine (b) Glycine  
(c) Serine (d) Cysteine
13. **Which of the following is NOT a part of the primary protein structure**  
(a) The amino acid sequence  
(b) The disulfide linkages  
(c) The planar nature of the amide linkage  
(d) The conformation of the polypeptide backbone
14. **Which of the following statements about an enzyme is FALSE**  
(a) An enzyme is usually a large protein  
(b) An enzyme is a catalyst for biological reactions  
(c) An enzyme is a chiral molecule  
(d) An enzyme changes the equilibrium constant of a reaction
15. **Which of the following may be separated by ordinary physical methods**  
(a) A pair of identical molecules  
(b) A pair of enantiomers  
(c) A pair of diastereomers  
(d) A pair of identical atoms

## MODEL PAPER-7

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- To which of the following Trichomes of Senna belongs**  
(a) Unicellular (b) Short  
(c) Multicellular (d) Trichomes are absent
- Microsomal enzyme induction can be a cause of**  
(a) Tolerance  
(b) Physical dependence  
(c) Psychological dependence  
(d) Idiosyncrasy
- Aerosol packaging container must resist pressure of**  
(a) 500 psig (b) 140-180 psig  
(c) 40 psig (d) 20 psig
- Viscosity enhancer in ophthalmic preparation is**  
(a) Poly vinyl alcohol (b) Povidone  
(c) Dextran (d) Macrogol
- The following are the contents of ORS EXCEPT**  
(a) Sodium chloride (b) Sugar  
(c) Potassium chloride (d) Calcium carbonate
- The most common form of malnutrition is the following EXCEPT**  
(a) Beri-Beri  
(b) Protein energy malnutrition  
(c) Marasmus  
(d) Kwashiorkor
- The following are the natural method of contraception EXCEPT**  
(a) Foam tablet  
(b) Basal metabolic temperature  
(c) Rhythm method  
(d) Safe period
- The following organs are situated in the abdominal cavity EXCEPT**  
(a) Stomach (b) Oesophagus  
(c) liver (d) Spleen
- The nerve, which carries messages from the brain and spinal cord muscles and glands**  
(a) Motor nerve (b) Sensory nerve  
(c) Mixed nerve (d) Autonomic nerve
- Following methods destroy vibrio cholerae EXCEPT**  
(a) Boiling (b) Drying  
(c) Bleaching powder (d) Cresol
- Protein deficiency disease is known as**  
(a) Cushing's disease  
(b) Fabry's disease  
(c) Parkinson's disease  
(d) Kwashiorkor and marasmus
- Starting of menstrual cycle is called**  
(a) Ovulation (b) Menstruation  
(c) Menarche (d) Menopause
- The MTP act was passed in the year**  
(a) 1975 (b) 1971  
(c) 1986 (d) 2000
- Annual Parasitic incidence is used to measure the problem of**  
(a) Filariasis (b) Dengue fever  
(c) Malaria (d) Japanese encephalitis
- Cell Division Hormone is**  
(a) Auxins (b) Gibberellins  
(c) Cytokinins (d) None of these
- The causative organism of plague is**  
(a) *Yersinia pestis* (b) *R. prowazekii*  
(c) *Corynebacterium* (d) Arbovirus
- As per the Birth and Death Registration Act all births are to be registered with in a period of**  
(a) 7 days (b) 14 days  
(c) 21 days (d) 1 month
- Cyclic AMP is formed from ATP by the enzyme adenylate cyclase which is activated by the hormone**  
(a) Insulin (b) Epinephrine  
(c) Testosterone (d) Progesterone

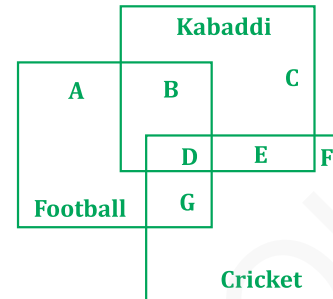




- Which of the following cycloalkanes has the MOST strain energy**  
(a) Cyclobutane (b) Cyclopentane  
(c) Cyclohexane (d) Cycloheptane
- Which compound has the highest melting point**  
(a) Decane  
(b) 2,2,3,3-tetramethylbutane  
(c) 2,2,3-trimethylpentane  
(d) 4-methylnonane
- Which of the following compounds does NOT undergo mutarotation**  
(a) Glucose (b) Sucrose  
(c) Ribose (d) Fructose
- Gamma rays are electromagnetic radiations with a wave length**  
(a) Much larger than those of light  
(b) Much shorter than those of light  
(c) Equal to light  
(d) None of the above
- Mode of transmission of Pertussis**  
(a) Vector transmission  
(b) Through contaminated water  
(c) Droplet infection  
(d) Faecal-oral
- Time required to measure the Mantoux test**  
(a) 24 to 48 hrs. (b) 48 to 72 hrs.  
(c) 10 to 12 hrs. (d) 2 to 4 hrs.
- Name of the oral Polio Vaccine**  
(a) BCG (b) TAB  
(c) Salk (d) Sabin
- The following are the standard tuberculosis drug except**  
(a) Chloromycetin (b) Streptomycin  
(c) INH (d) PAS
- The Filariasis is transmitted by**  
(a) Anopheles female mosquito  
(b) Anopheles male mosquito  
(c) Culex female mosquito  
(d) Culex male mosquito
- The blood group contain no antibodies**  
(a) A (b) B (c) O (d) AB
- The disease that spread through sexual contact is**  
(a) Leprosy (b) AIDS  
(c) Itches (d) Scabies
- \_\_\_\_\_ is example for the disease caused by bacteria**  
(a) Cold (b) Typhoid  
(c) Typhus fever (d) Chicken pox
- A healthy person can donate blood \_\_\_\_\_ or \_\_\_\_\_ times a year**  
(a) Six or seven (b) Five or six  
(c) Three or four (d) Two or three
- Radioactive cobalt and radium are used for the treatment of diseases**  
(a) Cholera (b) Hemophilia  
(c) Cancer (d) Sickle cell anaemia
- Which of the following is used as humectants in dental preparation**  
(a) Agar (b) Sorbitol  
(c) Methyl cellulose (d) Carbopol
- Prevalence of T.B. infection in a community is estimated by**  
(a) Tuberculin test (b) Sputum microscopy  
(c) Culture (d) Chest X-ray
- Reconstituted BCG vaccine should be used with in**  
(a) 3 hours (b) 6 hours  
(c) 18 hours (d) 24 hours
- The age for BCG vaccination is recommended at**  
(a) Birth or at 6th week (b) Only 6th week  
(c) 6-8 weeks (d) Within 1 year
- Source of most polio infections are**  
(a) Clinical cases (b) Sub clinical cases  
(c) Carrier (d) Both (b) and (c)

89. In a certain code, SOBER is written as RNADQ. How LOTUS can be written in that code  
 (a) KNSTR (b) MPUWT  
 (c) KMSTR (d) LMRST
90. On what dates of April, 2001 did Wednesday fall  
 (a) 1<sup>st</sup> 8<sup>th</sup> 15<sup>th</sup> 22<sup>nd</sup> 29<sup>th</sup> (b) 2<sup>nd</sup> 9<sup>th</sup> 16<sup>th</sup> 23<sup>rd</sup> 30<sup>th</sup>  
 (c) 3<sup>rd</sup> 10<sup>th</sup> 17<sup>th</sup> 24<sup>th</sup> (d) 4<sup>th</sup> 11<sup>th</sup> 18<sup>th</sup> 25<sup>th</sup>
91. Select the option that is related to the third number in the same way as the second number is related to the first number  
 27 648 46 '?'  
 (a) 1765 (b) 1665  
 (c) 1978 (d) 1921
92. Statements Some books are Magazines. Some Magazines are Novels. Conclusions  
 (I) Some books are Novels  
 (II) Some Novels are Magazines  
 (a) Only (I) follows  
 (b) Only (II) follows  
 (c) Either (I) or (II) follows  
 (d) Neither (I) nor (II) follows
93. I walk 30 metres in North-West direction from my house and then 30 metres in South-west direction. After this I walk 30 metres in South-East direction. Now, I turn to my house, in what direction am I going  
 (a) North-East (b) North-West  
 (c) South-East (d) South-West
94. India 2020 A vision for the New Millennium has been written by  
 (a) Dr. A.P.J. Abdul Kalam  
 (b) Michael Spence  
 (c) Vikram Seth  
 (d) V.S. Naipaul

95. The diagram below represents the students who play cricket, football and kabaddi Seeing the diagram indicate the students who play all the 3 games



- (a) A + B + C (b) G + E  
 (c) D + E + G (d) D
96. How many medals were won by India in the 'Special Olympics World Games 2023'  
 (a) 101 (b) 202 (c) 303 (d) 404
97. Indian Railways recently operated the first trial train from Sangaldan to Reasi, crossing the world's highest rail bridge on which river  
 (a) Sutlej (b) Jhelum  
 (c) Chenab (d) Yamuna
98. Which country's women's cricket team has clinched a gold medal at the Asian Games 2023  
 (a) Bangladesh (b) Pakistan  
 (c) India (d) Sri Lanka
99. In which city did Prime Minister Modi inaugurate the Arabic Academy  
 (a) Mumbai (b) Kanpur  
 (c) Pune (d) Hyderabad
100. Indian Railways introduces 'Garvi tour' under Ek Bharat Shrestha Bharat Scheme to showcase heritage of which state  
 (a) Punjab (b) Gujarat  
 (c) Rajasthan (d) Uttarakhand

**ANSWER KEY**

1-a	2-a	3-b	4-b	5-c	6-b	7-d	8-a	9-c	10-d
11-b	12-b	13-c	14-c	15-b	16-a	17-b	18-a	19-c	20-c
21-a	22-b	23-a	24-a	25-a	26-b	27-c	28-b	29-d	30-c
31-d	32-a	33-c	34-d	35-d	36-d	37-d	38-c	39-a	40-b
41-c	42-c	43-c	44-a	45-a	46-a	47-b	48-c	49-c	50-c
51-a	52-a	53-b	54-a	55-d	56-b	57-d	58-d	59-c	60-c
61-a	62-b	63-c	64-b	65-c	66-c	67-a	68-d	69-a	70-b
71-b	72-b	73-b	74-d	75-c	76-d	77-d	78-d	79-c	80-c
81-d	82-a	83-a	84-b	85-b	86-c	87-a	88-c	89-a	90-d
91-c	92-b	93-a	94-a	95-d	96-b	97-c	98-c	99-a	100-b

## MODEL PAPER-9

SCAN ME

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1. **What is reason for causing AIDS**
  - (a) AMI
  - (b) Interferon
  - (c) Destroying of helper T-cells
  - (d) Destroying of killer T cells
2. **From what Lysergic acid is formed**
  - (a) Ergot fungi
  - (b) Cannabinoids plants
  - (c) Heroine
  - (d) THC
3. **Genetic material of virus in macrophage is regenerated in DNA by which enzyme**
  - (a) Transcriptase
  - (b) Reverse Transcriptase
  - (c) RNA polymerase
  - (d) DNA polymerase
4. **Which plant is responsible for doing hallucination**
  - (a) *Atropa belladonna*
  - (b) *Datura stramonium*
  - (c) *Erythroxylum coca*
  - (d) All of these
5. **CDSCO stands for**
  - (a) Central drug standardization control organization
  - (b) Central dose standard control organization
  - (c) Centre for drug standard control organization
  - (d) Central drug standard control organization
6. **NPPA stands for**
  - (a) National Pharmaceutical Price Control Authority
  - (b) National Pharmacy Price Control Authority
  - (c) National Pharmacy Price Convey Authority
  - (d) National Pharmaceutical Price Convey Authority
7. **BMI value for normal person**
  - (a) Below 17
  - (b) 17-24
  - (c) Above 30
  - (d) 25-45
8. **The number of live births per thousand persons in a year is termed as**
  - (a) Death rate
  - (b) Birth rate
  - (c) Growth rate
  - (d) None of these
9. **What percentage of World's population lives in India**
  - (a) 16.5%
  - (b) 17.78%
  - (c) 20%
  - (d) 15%
10. **Wharton's duct is associated with**
  - (a) Sublingual salivary gland
  - (b) Parotid salivary gland
  - (c) Submaxillary salivary gland
  - (d) Brunner's glands
11. **Release of pancreatic juice is stimulated by**
  - (a) Enterokinase
  - (b) Cholecystokinin
  - (c) Trypsinogen
  - (d) Rennin
12. **Emulsification of fat is carried out by**
  - (a) Bile pigments
  - (b) Bile salt
  - (c) HCl
  - (d) Pancreatic juice
13. **After tubectomy which part of the female reproductive system remains blocked**
  - (a) Cervix
  - (b) Uterine cavity
  - (c) Ovary
  - (d) Fallopian tube
14. **Malaria- Anopheles female mosquito Dengue**
  - (a) Culex
  - (b) Aedes
  - (c) Falciparum
  - (d) Anopheles male mosquito
15. **Interferon: cytokine barrier acid in stomach**
  - (a) Physical Barrier
  - (b) Physiological Barrier
  - (c) Cellular Barrier
  - (d) Cytokine Barrier
16. **Full form of ICRC**
  - (a) Indian Committee of the Red Cross
  - (b) International Committee of the Red Cross
  - (c) International Commission of the Red Cross
  - (d) International Committee of the Red Corner
17. **Rabies Vaccine was discovered by**
  - (a) R. Koch
  - (b) Edward Jenner
  - (c) L. Pasteur
  - (d) Bayer and Cohen
18. **Half-life for zero order reaction is calculated using**
  - (a)  $t_{1/2} = 0.693/K$
  - (b)  $t_{1/2} = 2.303/K$
  - (c)  $t_{1/2} = 1/ak$
  - (d)  $t_{1/2} = a/2k$





- 1. What is the other name for Vitamin B<sub>3</sub>**  
(a) Pyridoxine (b) Riboflavin  
(c) Pantothenic acid (d) Nicotinic acid
- 2. Acholuric is a type of**  
(a) Toxic jaundice (b) Hemolytic jaundice  
(c) Amoebic dysentery (d) Obstructive jaundice
- 3. Potassium permanganate is an example of**  
(a) Acidifying agent (b) Alkalisng agent  
(c) Reducing agent (d) Oxidising agent
- 4. Ammonium Chloride is used as**  
(a) Alkalisng agent (b) Astringent  
(c) Expectorant (d) All of these
- 5. An antidote which can be used in cyanide poisoning**  
(a) Sodium bicarbonate (b) Sodium nitrite  
(c) Dimercaprol (d) Sodium bisulphate
- 6. Caffeine with \_\_\_\_\_ test gives a purple colour as it is a purine alkaloid**  
(a) Murexide test  
(b) Ninhydrin test  
(c) Meconic acid test  
(d) Mercurous nitrate test
- 7. Fiehe's test is used to detect artificial inverted sugar which is generally an adulterant of honey. It gives instant red colour with resorcinol in hydrochloric acid. this colour is due to the presence of**  
(a) Invertase (b) Fructose  
(c) Glucose (d) Furfural
- 8. Epsom Salt is**  
(a) Copper sulphate (b) Magnesium sulphate  
(c) Ferrous sulphate (d) Calcium sulphate
- 9. Pyridoxine is**  
(a) Vitamin B<sub>1</sub> (b) Vitamin B<sub>2</sub>  
(c) Vitamin B<sub>6</sub> (d) Vitamin B<sub>7</sub>
- 10. 2-Acetoxybenzoic acid is**  
(a) Paracetamol (b) Diclofenac  
(c) Etoricoxib (d) Aspirin
- 11. 5-HT antagonist used to control chemotherapy induced nausea and vomiting**  
(a) Risperidone (b) Ondansetron  
(c) Cyproheptadine (d) Clozapine
- 12. Polygalacturonic acid is otherwise known as**  
(a) Calamine (b) Kaolin  
(c) Bentonite (d) Pectin
- 13. The buffer used in the limit test for iron is**  
(a) Sodium acetate  
(b) Sodium carbonate  
(c) Ammonia and ammonium chloride  
(d) Ammonium citrate
- 14. Dapsone is a medicine used in the treatment of**  
(a) Malaria (b) Leprosy  
(c) Tuberculosis (d) Epilepsy
- 15. Phenobarbitone is**  
(a) Long acting (b) Ultra short acting  
(c) Intermediate acting (d) Short acting
- 16. ICC stands for**  
(a) Internal Control Committee  
(b) Inspection Control Committee  
(c) Infection Control Committee  
(d) All of these
- 17. What is the main objective of drug distribution within a hospital setting**  
(a) Maximizing profits from medication sales  
(b) Ensuring the fastest delivery of medications to patients  
(c) Providing accurate and safe distribution of medications to patients  
(d) Reducing the number of medications in stock
- 18. The patient, who requires hospitalization are**  
(a) Inpatient (b) Out patient  
(c) Referred patient (d) None of these
- 19. The Latin term Jurisprudential (Jurisprudence) means knowledge of**  
(a) Regulations (b) Law  
(c) Ethics (d) Profession

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