

MISSION PHARMACIST

PREVIOUS YEAR OBJECTIVE BOOK

USEFUL FOR

AIIMS, DSSSB, ESIC, RAILWAY, CGHS
ISRO, NHM, SECL, NTPC, NCL, SEPOY,
STATE & CENTRAL GOVT.
PHARMACIST EXAMINATION



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**2007 TO 2023
OBJECTIVE BOOK**



FEATURES

- ▶ 30 PREVIOUS YEAR PAPERS
- ▶ UPTO DATE TILL 2023 EXAM
- ▶ 05 PRACTICE MODEL PAPER
- ▶ BASED ON PHARMACIST PATTERN



TABLE OF CONTENT

S.NO.	PHARMACIST EXAMINATION	PAGE NO.
1.	AIIMS Patna-2023	1-10
2.	Odisha Pharmacist - 2023	11-16
3.	UP NHM - 2023	17-21
4.	MP Pharmacist -2023	22-27
5.	MPSC (Maharashtra Public Service Commission) 2023	28-33
6.	Ahmedabad Municipal Corporation Pharmacist 2022	34-38
7.	Mohalla Clinic Pharmacist New Delhi 2022	39-43
8.	MPNHM Pharmacist - 2022	44-48
9.	Kerela Pharmacist - 2022	49-53
10.	OSSSC (Odisha) Pharmacist - 2021	54-57
11.	Delhi Government Pharmacist - 2021	58-68
12.	Vadodara Municipal Corporation - 2021	69-71
13.	Kerala PSC Pharmacist Grade - II 2021	72-77
14.	DHS (Directorate of Health Service)	78-81
15.	DHS (Directorate of Health Service) Pharmacist Exam Maharashtra - 2021	82-84
16.	MP Pharmacist - 2020	85-88
17.	NCL Pharmacist - 2020	89-92
18.	CGHS Hyderabad Pharmacist - 2019	93-99
19.	CGHS Delhi Pharmacist - 2018	100-105
20.	Bihar Kara Mishrak Pharmacist - 2018	106-110
21.	ISRO Pharmacist - 2018	111-116

22.	Madhya Pradesh Pharmacist Recruitment - 2017	117-120
23.	ESIC Pharmacist - 2016	121-127
24.	Delhi Subordinate Service Selection Board - 2016	128-137
25.	Kerala PSC Pharmacist Grade - II 2015	138-143
26.	Pharmacist Grade - II Health Services - 2015	144-149
27.	Rajasthan Pharmacist -2014	150-154
28.	Maharashtra Pharmacist Recruitment -2012	155-160
29.	Rajasthan Pharmacist - 2012	161-164
30.	Railway Pharmacist	165-169
PHARMACIST MODEL PAPER		
1.	MODEL PAPER - 1	170-179
2.	MODEL PAPER - 2	180-184
3.	MODEL PAPER - 3	185-189
4.	MODEL PAPER - 4	190-195
5.	MODEL PAPER - 5	196-200

1. Which of the following is not a feature of covalent bonding?

- (a) More than one pair of electrons may be shared by the concerned atoms
- (b) The formation of sodium chloride (NaCl) from one atoms of sodium (N(a) and anom of chlorine (Cl) is an example
- (c) The process of sharing electrons does not produce ions
- (d) The combining atoms may belong to the same element or different elements

2. 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

- (a) 1-A, 2-D, 3-C, 4-B
- (b) 1-B, 2-A, 3-D, 4-C
- (c) 1-B, 2-D, 3-A, 4-C
- (d) 1-B, 2-C, 3-D, 4-A

3. In which of the following is the antimicrobial agent bactericidal in nature?

- (a) Chloramphenicol
- (b) Erythromycin
- (c) Cephalosporins
- (d) Ethambutol

4. The skeleton in the human body makes up almost how much of a healthy body's weight?

- (a) One fifth
- (b) One-third
- (c) Three-fourth
- (d) Two-fourth

5. Which of the following is/are the key principles of a damage assessment survey?

- 1) listen
- 2) understand
- 3) look

4) action

- (a) Only 2, 3 and 4
- (b) All 1,2,3 and 4
- (c) Only 1, 2and 4
- (d) Only 1, 2 and 4

6. Which of the following correctly defines pharmacognosy?

- (a) Branch of pharmacy which plays key role in new drug discovery and development by using natural products
- (b) It describes the medical treatments that are used instead of traditional therapies
- (c) It employs treatment modalities Such as purification, palliation, exercises and diets
- (d) It treats a patient with diet, Massages,surgery and pharmacotherapy

7. Which of the following is the correct definition of Bio Ethics?

- (a) It refers to the study of moral beliefs of the people
- (b) It deals with origin of ethical principles that govern the specification of right and wrong behavior
- (c) The ethical principles or codes designed for a medical profession
- (d) These are the ethical principles or codes for maintaining normal livelihood

8. Which of the following is true about the elected members of the pharmacy council of India

- 1. Five members elected by the university grant commission (U.G.(C)
- 2. One member elected by state council, who shall be a registered pharmacist
- 3. Two members elected by medical council of India
- (a) Only 1 and 2
- (b) Only 1 and 3
- (c) Only 1
- (d) Only 2

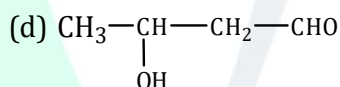
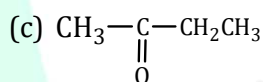
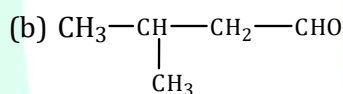
removal by coughing

- (a) Pharyngeal demulcents
- (b) Antitussives
- (c) Antihistaminics
- (d) Expectorant

43. Is an example of small volume parenterals which are the products in the containers labeled as containing 100 ml or less of a single dose injection intended for administration?

- (a) Fructose injection
- (b) Electrolytes
- (c) Invert sugar injection
- (d) Dry powders

44. Which of the given options correctly depict the molecular formula of (b)-butanol?



45. Which type of toxic agents are neither created nor destroyed by humans?

- (a) Pesticides
- (b) Solvents
- (c) Heavy metals
- (d) Furans

46. As per the medicinal and toilet preparations act 1955, which of the following refer to the definition of 'opium'?

1. The capsules of the poppy, whether in their original form or cut, crushed or powdered and whether or not juice has been extracted therefrom
2. Morphine, that is, the principal alkaloid of opium having the chemical formula $\text{C}_{17}\text{H}_{19}\text{NO}_3$, and its salts and derivatives.

- (a) Only 2
- (b) Only 1
- (c) Both 1 and 2
- (d) Neither 1 nor 2

47. Energy-giving, bodybuilding, protective and regulatory functions refer to which type of Food function?

- (a) Psychological function
- (b) Social functions
- (c) Physiological function
- (d) Cultural functions

48. According to the classification of antineoplastic agents, which of the following does not fall under the category of Antimetabolites?

- (a) Aziridines
- (b) Pyrimidine analogues
- (c) Purine analogues
- (d) Folic acid analogue

49. Is the type of drug distribution system in which drugs are given to the patient from the nursing station and the pharmacy supplies from the drug store.

- (a) Combination of individual prescription & floor stock system
- (b) Individual prescription order system
- (c) Floor stock system
- (d) Unit dose system

50. Which of the following was/were aims of the pharmacy act 1948?

1. Regulation of the practice of pharmacy in india
 2. Raising the status of profession of pharmacy
 3. Regulation of import, manufacture, sale and distribution of drugs
- (a) 1 and 3 only
 - (b) 1 and 2 only
 - (c) 2 and 3 only
 - (d) All 1, 2 and 3

51. Which of the following is/are the types of dispensed preparations?

1. Elixirs
 2. Nasal drops
 - 3 Granules
- (a) only 1 and 3
 - (b) all 1, 2 and 3
 - (c) only 2
 - (d) Only 2 and 3

52. The pharmacy council of India's elected and nominated members shall hold office for a period of how many years?

- (a) 5 years
- (b) 3 years
- (c) 6 years
- (d) 2 years

53. Which of the following types of the drugs dramatically affect perception, emotion and mental process?

1. Two number are in the ratio of 15:11, if their H.C.F. is 13, then the number are
 (a) 75, 55 (b) 15, 11
 (c) 105, 77 (d) 195, 143
2. The length and breadth of a square increased by 40% and 30 % respectively . The area of the resulting rectangle the exceeds the area of the square by what%
 (a) 42% (b) 82%
 (c) 62% (d) None of these
3. The average of three number is 20, if two number are 16 and 22, the third Number is
 (a) 22 (b) 19 (c) 20 (d) 18
4. At the rate of 6% per annum simple interest, a sum of Rs 2500 will earn how much interest by the end of 5 years
 (a) 150 (b) 750
 (c) 700 (d) 3250
5. The surface area of a cube is 1734 sq. cms. Its volume is
 (a) 2197cu. Cm (b) 4913 cu. Cm
 (c) 2744 cu. Cm (d) 4096 cu. cm
6. If the circumference of a circle is 352 meters, then is area in square meter is
 (a) 5986 (b) 8956
 (c) 6589 (d) 9856
7. Which of the following is equal to x^3
 (a) $x^6 \cdot x^3$ (b) x^6/x^3
 (c) $x^6 \cdot x^3$ (d) $(x^6)^3$
8. The length of a train is 140 meters and its speed is 72 km/hr. how long will it take to cross a platform of 220 meters long
 (a) 18 seconds (b) 1 seconds
 (c) 7 seconds (d) 3 seconds
9. In an examination, 80% candidates passed in English and 85% candidates passed in Mathematics If 73% candidates passed in both these subjects, then what percentage of candidates failed in both the subjects
 (a) 8 (b) 27 (c) 15 (d) 35
10. By selling a bicycle for Rs 2850, a shop keeper gains 14% If the profit is reduced to 8%, then the selling price will be
 (a) Rs. 2600 (b) Rs. 2800
 (c) Rs. 2700 (d) Rs. 3000
11. Which of the following sentences is grammatically correct
 (a) A herd of elephants are in the forest
 (b) A herd of elephants is in the forest
 (c) A herd of elephant is in the forest
 (d) A herd of elephant are in the forest
12. Who broke the window (change the sentence into passive voice)
 (a) By whom was the window broken?
 (b) By whom was the window broken
 (c) Whom was the window broken?
 (d) By whom the window was broken?
13. There are twelve months in a _____ year (Fill in the blank with correct spelling of The word)
 (a) Calendaer (b) Calendar
 (c) Celender (d) Calander
14. Rama arrived late at the railway station. (choose the correct part of speech of the underlined word)
 (a) Noun (b) Pronoun
 (c) Adjective (d) Adverb
15. A drowning man catches ____ a straw (Fill in the blank with appropriate preposition)
 (a) To (b) In (c) At (d) Into
16. License for wholesale of drugs specified in schedule C and C1 is issued in form
 (a) 20A (b) 22B
 (c) 21B (d) 22A
17. The chemical name of vitamin C is

- (a) Ascorbic acid
(b) Benzoic acid
(c) Maleic acid
(d) None of the above
18. **One fluid ounce is equal to**
(a) 30ml (b) 20ml
(c) 25ml (d) 50ml
19. **The mechanical strength of a tablet is checked by**
(a) Hardness tester
(b) Friability tester
(c) Disintegrator
(d) None of the above
20. **According to Drugs and Cosmetics Act, List of substances that should be sold by retail only on prescription of registered medical practitioner is given in which of the following Schedule**
(a) Schedule H (b) Schedule V
(c) Schedule X (d) Schedule Q
21. **A patient asks a preparation as a vaginal cream for candidiasis, Which products is the most appropriate**
(a) Canesten (b) Ortho-Gynest
(c) Eurax (d) Bactroban
22. **Cod liver oil is nutritive due to presence of**
(a) Vitamin A
(b) Vitamin A and D
(c) Vitamin A and E
(d) Vitamin E
23. **Immunoglobulin found in allergic condition is**
(a) Ig M (b) Ig E
(c) Ig D (d) Ig A
24. **Posology deals with**
(a) Quality of drugs
(b) Dispensing of drugs
(c) Dose of drugs
(d) Stability of drugs
25. **The capacity of bladder is about**
(a) 100 ml (b) 500ml
(c) 200ml (d) 1 liter
26. **Water as vehicle can transmit all except**
(a) Polio (b) Diarrhoea
(c) Tetanus (d) Round worm
27. **Pivmecillinam prescribed at 20mg/kg in three divided doses. The individual dose (mg) to be administered to a patient weighing 12 kg is**
(a) 8 (b) 80 (c) 240 (d) 800
28. **DNA is mainly present in**
(a) Ribosome
(b) Nucleus
(c) Plasma membrane
(d) None of these
29. **In lower urinary tract infection which oral antibiotic is not used**
(a) Amoxicillin (b) Cefalexin
(c) Nitrofurantoin (d) Tetracycline
30. **Caustic soda is synonym of**
(a) NaOH (b) HCl
(c) CaCO₂ (d) I₂
31. **Betamethasone & prednisolone are used in**
(a) Infection (b) Inflammation
(c) Ulcer (d) None of these
32. **Power of the inspectors appointed under the Drugs and Cosmetics, Act 1940 are Mentioned under which of the following section of the Act**
(a) 20 (b) 21 (c) 22 (d) 23
33. **Naphazoline is used in**
(a) Asthma (b) Hypotension
(c) Nasal congestion (d) Hay fever
34. **Pyridoxine is administered with isoniazid to minimize the**
(a) Hepatotoxicity
(b) Allergic reaction
(c) Neurotoxicity
(d) Nephrotoxicity
35. **1% w/w dextrose means**
(a) 1 gram dextrose in 100 grams of product
(b) 1 gram dextrose in 100 ml of product
(c) 1 mole in 100ml of product
(d) None of the above
36. **Which of the following is a synthetic sweetener**
(a) Glucose (b) Sucrose
(c) Sorbitol (d) Aspartame

1. 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
2. is the smallest capsule size
(a) 1 (b) 4 (c) 0 (d) 5
3. Nonuniformity of tablet coating is called:
(a) Sticking (b) Lamination
(c) Mottling (d) Capping
4. is equal to one centigram.
(a) 1 mg (b) 0.1 mg
(c) 10 mg (d) 100
5. A substance which can kill pathogenic bacteria is called
(a) Virucide (b) Bactericide
(c) Germicide (d) Fungicide
6. 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
7. निम्नलिखित में से किस भरक (filler) का उपयोग अधिकांश टेबलेट बनाने के लिए किया जाता है
(a) Diluents (b) Disintegrants
(c) Binders (d) Adhesives
8. निम्नलिखित में से किसके सिवाय सभी में येन कोटिंग (Pan coating) तकनीक प्रक्रिया का उपयोग किया जाता है
(a) Enteric coating
(b) Film coating
(c) Compressed coating
(d) Sugar coating
9. 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
10. कैप्सूल खोल (capsule shell) की इष्टतम आर्द्रतांश हैं।
(a) 25% (b) 14%
(c) 17% (d) 8%
11. Many physicians write the prescription in accordance
(a) Metric (b) Imperial
(c) Capacity (d) Percentage
12. Invitro performance of coated tablets is evaluated by:
(a) Stress relaxation test
(b) Disintegration test
(c) Microindenter probe analysis
(d) Adhesion test
13. A medical prescription is represented by the symbol
(a) Rx (b) = (c) \square (d) \square
14. Injections are generally sterilised by the method
(a) Heating
(b) Moist heat sterilisation
(c) Coagulation
(d) Dry heat sterilization
15. A normal blood sodium level is
(a) 110-120 mEq/L
(b) 80-90 mE
(c) 120-125 mEq/L
(d) 135-145 mEq/L
16. is an example of high sedative.
(a) Cyproheptadine
(b) Pheniramine
(c) Diphenhydramine
(d) Chlorpheniramine
17. What is the colour of phenolphthalein at pH 117
(a) Pink (b) Blue
(c) Yellow (d) Colorless
18. General anaesthetics are, of the central nervous system.
(a) Stimulators (b) Depressants
(c) Stabilisers (d) Activators
19. is a primary standard for standardisation of perchloric acid
(a) Sodium oxalate
(b) Potassium dichromate
(c) Sodium chloride
(d) Potassium hydrogen phthalate
20. Which of the following is NOT a buffer solution
(a) Sodium acetate + acetic acid X
(b) Sodium formate + formic acid
(c) Sodium hydroxide + hydrochloric

1. **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
18. **The measure of overall disease burden expressed as number of years lost due to ill health, disability, or early death, is known as**
 (a) HALE (b) QALY
 (c) DFLE (d) DALY
19. **The burns involving the outermost layer of skin are called_____ degree burns**

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

1. Which of the following is true about Hard paraffin

- (a) It consists of a mixture of liquid hydrocarbons, obtained from petroleum by distillation
- (b) It may contain small traces of bleaching agent which are generally left over after bleaching
- (c) It is a purified mixture of solid hydrocarbons obtained from petrolatum.
- (d) It is a purified mixture of semisolid hydrocarbons obtained from petroleum.

2. Mark the correct relationship

- (a) Kuhne-proposed the term 'Enzyme-1877
- (b) Lipmann - Role of ATP in biological system. 1920
- (c) Neuberg - Chemical pathway for fermentation-1920
- (d) Meselson and Stahl discovered DNA polymerase-1958

3. In case of Delocalization, one of the following is TRUE about Ethylene

- (a) Although the three annular carbon atoms are bonded to each other via sp^2 orbitals, the resultant molecule does not behave as saturated compound
- (b) The six annular carbon atoms are bonded to each other via sp orbitals, the resultant molecule does behave as an unsaturated compound
- (c) 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
- (d) The four annular carbon atoms are bonded to each other via sp^2 orbitals,

the resultant molecule does not behave as an unsaturated compound

4. The best wetting agent for hard contact lenses

- (a) Boric acid
- (b) Sodium chloride.
- (c) Benzalkonium chloride
- (d) Polyvinyl alcohols

5. 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

- (a) Caesium
- (b) Helium
- (c) Xenon
- (d) Rubidium

6. 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

- (a) Anticholinergics
- (b) Nicotinic acid
- (c) Anti-Helicobacter pylori drugs
- (d) Neuroleptics

7. Liquid anesthetic is poured over a mask with gauze and its vapour is inhaled with air, this is called

- (a) Open drop method
- (b) Open system through anaesthetic machines
- (c) Closed system through anaesthetic machines
- (d) Close drop method following?

8. Yellow phosphorus is soluble in which of the

- (a) Carbon tetrachloride
- (b) Carbon sulphate
- (c) Hydrogen peroxide
- (d) Carbon disulphide

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 1st 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 β_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) Doxazocin
 - (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.

1. **When urinary pH becomes 8.0, significant increase in excretion of one of the drugs take place**
 - (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) Furasemide
 - (c) Ethacrynic acid
 - (d) Spironolactone
4. **_____ causes systemic arteriolar dilatation and thereby reduces after load**
 - (a) Amyl nitrates
 - (b) Chlorthiazide
 - (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 Hasselblach
 - (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 decontaminatio of HIV Contaminated endoscope is**
 - (a) 1% sodium hypochloride
 - (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) Macrogol
 - (b) Polyvinylalcohol
 - (c) Povidone
 - (d) All of the above
16. **_____ inactivates benzalkonium chloride**
 - (a) Acetone
 - (b) Methylcellulose
 - (c) Heat
 - (d) Soap
17. **Epidemiology deals with the study of**
 - (a) Communicable and non-communicable diseases
 - (b) Epidemic diseases
 - (c) All health related issues in a population
 - (d) All of the above.

1. Which of the following avoids first pass effect of the Drugs?
 - (a) Oral ingestion
 - (b) Rectal suppository
 - (c) Intravenous injections
 - (d) None of the other options
2. In which of the following phases of clinical trial of Drug ethical clearance is not required?
 - (a) Phase 1
 - (b) Phase 2
 - (c) Phase 3
 - (d) Phase 4
3. K_m value indicates:
 - (a) Impurity of enzyme
 - (b) Physiological role
 - (c) Purity of enzyme
 - (d) Affinity
4. Which of the following shows high first pass metabolism?
 - (a) Propranolol
 - (b) Phenobarbitone
 - (c) Phenylbutazone
 - (d) Phenytoin
5. Pharmacovigilance is used for:
 - (a) To monitor drug toxicity
 - (b) To monitor unauthorized drug manufacture
 - (c) Monitoring of students
 - (d) Check costs
6. What quantities of 95% v/v and 45% v/v alcohols are to be mixed to make 800 mL of 65% v/v alcohol?
 - (a) 480 mL of 95% and 320 mL of 45% alcohol
 - (b) 320 mL of 95% and 480 mL of 45% alcohol
 - (c) 440 mL of 95% and 360 mL of 45% alcohol
 - (d) 360 mL of 95% and 440 mL of 45% alcohol
7. The role of borax in cold creams is :
 - (a) Anti-microbial agent
 - (b) To provide fine particles to polish skin
 - (c) In-situ emulsifier
 - (d) Antioxidant
8. Purity of water can be assessed by determining one of its following properties instrumentally
 - (a) pH
 - (b) Refractivity
 - (c) Viscosity
 - (d) Conductivity
9. Which one of the following is commonly used bulking agent in the formulation of freeze dried low dose drug products?
 - (a) Sodium Chloride
 - (b) Mannitol
 - (c) Starch
 - (d) HPMC
10. Which filter can NOT be used for the preparation of tablets for amine containing basic drug to avoid discoloration of the tablets?
 - (a) Dicalcium phosphate
 - (b) Microcrystalline cellulose
 - (c) Starch
 - (d) Lactose
11. Steven Johnson syndrome is the most common adverse effect associated with one of the following category of drugs:
 - (a) Sulphonamides
 - (b) Macrolide
 - (c) Penicillins
 - (d) Tetracycline
12. In Gas-Liquid Chromatography, some of the samples need to be derivatized in order to increase their:
 - (a) Volatility
 - (b) Solubility
 - (c) Thermal conductivity
 - (d) Polarizability
13. Artemisinin contains the following group in its structure:
 - (a) An endoperoxide
 - (b) An exoperoxide
 - (c) An epoxide
 - (d) An acid hydrazide
14. Streptomycin can NOT be given orally for treatment of tuberculosis because:
 - (a) It gets degraded in the GIT
 - (b) It causes severe diarrhoea
 - (c) It causes metallic taste in the mouth
 - (d) It is not absorbed from the GIT
15. Which one of the following is NOT an ex-officio member of Pharmacy Council of India?
 - (a) The Director General of Health Services
 - (b) The Director of Central Drugs Laboratory
 - (c) The Drugs Controller General of India
 - (d) The Director of Pharmacopoeia Laboratory

124. In a coded language if 'I like this' is written as 431 and 'this is good' is written as 821 and 'she is fair' is written as 572. How is 'she' written

- (a) 5 (b) 7
(c) 2 (d) Cannot be determined

125. In a coded language 'field' is called 'tractor' and 'plant' is called 'farmer' and 'seed' is called 'water'. Where will you sow the seed ?

- (a) Plant (b) Tractor
(c) Farmer (d) Field

Answer Key

1 - c	2 - d	3 - d	4 - a	5 - a	6 - b	7 - c	8 - d	9 - b	10 - d
11 - a	12 - a	13 - a	14 - d	15 - d	16 - b	17 - d	18 - c	19 - d	20 - b
21 - a	22 - b	23 - d	24 - a	25 - a	26 - a	27 - d	28 - c	29 - d	30 - d
31 - c	32 - a	33 - a	34 - b	35 - b	36 - c	37 - c	38 - b	39 - b	40 - b
41 - b	42 - b	43 - b	44 - c	45 - a	46 - a	47 - a	48 - a	49 - a	50 - a
51 - d	52 - b	53 - a	54 - c	55 - b	56 - d	57 - d	58 - b	59 - b	60 - d
61 - b	62 - d	63 - b	64 - d	65 - d	66 - d	67 - a	68 - d	69 - d	70 - c
71 - c	72 - c	73 - d	74 - b	75 - b	76 - d	77 - d	78 - a	79 - b	80 - c
81 - d	82 - b	83 - a	84 - c	85 - a	86 - b	87 - b	88 - a	89 - c	90 - a
91 - c	92 - a	93 - d	94 - a	95 - a	96 - d	97 - a	98 - a	99 - a	100 - a
101 - d	102 - c	103 - d	104 - a	105 - b	106 - d	107 - b	108 - b	109 - c	110 - d
111 - c	112 - b	113 - c	114 - b	115 - b	116 - b	117 - d	118 - b	119 - c	120 - b
121 - d	122 - a	123 - b	124 - d	125 - b					

1. **Tipu Sultan died fighting the English forces under**
(a) Lord Gbnwalls (b) Lord Wellesly
(c) Lord Dalhousie (d) Lord Hastings
2. **The Administration of the English East India Company in India came to an end in**
(a) 1857 (b) 1858
(c) 1862 (d) 1892
3. **From the evolutionary point of view, which one of the following is closer to man**
(a) Dolphin (b) Flying fish
(c) Shark (d) Tortoise
4. **Which one of the following metals is found in "Plaster of Paris"**
(a) Calcium (b) Magnesium
(c) Potassium (d) Sodium
5. **From which year did Saka era begin?**
(a) 78 B.C. (b) 78 A.D.
(c) 178 A.D. (d) 278 A.D.
6. **The ratio of pure gold in 18 carat gold is**
(a) 60% (b) 75%
(c) 80% (d) 90%
7. **Major harmful gas emitted by automobile vehicles which causes air pollution is?**
(a) Carbon monoxide (b) Methane
(c) Carbon dioxide (d) Ozone gas
8. **A man with colour blindness will see red as?**
(a) Yellow (b) Blue
(c) Green (d) Voilet
9. **Which of the following is not a foriegn bank working in India?**
(a) HSBC (b) Barclays
(c) Standard chartered (d) Yes Bank
10. **Commercially, sodium bicarbonate is known as**
(a) Washing soda (b) Baking soda
(c) Bleaching powder (d) Soda ash
11. **The headquarters of Asian Development Bank is located in**
(a) Jakart (b) Singapore
(c) Bangkok (d) Manila
12. **Mr. Manohar Lal Khattar was swom in as the 10th Chief Minister of**
(a) Maharashtra (b) Punjab
(c) Haryana (d) Jammu and Kashmir
13. **Man Booker Prize 2014 is won by author Mr. Richard Flanagan.**
(a) Australian (b) British
(c) Japanese (d) Indian
14. **In the Miss World 2014 contest held in London on 14-12-2014. Rolene Strauss of the title "Miss World 2014"**
(a) Italy (b) South Africa
(c) U.S.A (d) Germany
15. **The Vice President of India is elected by?**
(a) Members of Lok Sabha
(b) Members of Rajya Sabha
(c) Members of both Houses of Parliament
(d) Member of all State Legislature
16. **The names of the four sons of Mahatma Gandhi are Harilal, Manilal, Ramdas and**
(a) Arun (b) Tushar
(c) Rajmohan (d) Devdas
17. **Expansion of PTI is**
(a) Proper Trade Institution
(b) Press Trust of India
(c) People's Trade Industry
(d) Personal Trust of India
18. **How many letters of the English alphabet (capital) appear same when looked at in a mirror?**
(a) 9 (b) 10
(c) 12 (d) 12
19. **Which one of the follwing plantes has largest number of satellites or moons**
(a) Jupitar (b) Mars
(c) Saturn (d) Venus
20. **Which of the following awards is given by UNESCO to those who popularise use of science in life?**
(a) Booker Prize
(b) Magnesaysay Award

- (c) Potassium-sparing diuretics
(d) Carbonic anhydrase inhibitors
- 188. The drug is usually given in combination with a thiazido diuretic**
(a) Acetazolamide (Diamox)
(b) Furosemide (Lasix)
(c) Hydrochlorothiazide (Hydrodturil)
(d) Amiloride (Midamor)
- 189. Identify the drug belonging to antibiotics-tetracyclines**
(a) Doxycycline (b) Streptomycin
(c) Clanthromycin (d) Amoxicillin
- 190. Antibiotic inhibiting bacterial RNA synthesis is**
(a) Erythromycin (b) Rifampin
(c) Chloramphenicol (d) Imipinem
- 191. Choose the drug belonging to antibiotics-aminoglycosides**
(a) Erythromycin (b) Gentamicin
(c) Vancomycin (d) Polymyxin
- 192. Which of the following drugs is used for candidiasis treatment?**
(a) Griseofulvin (b) Nitrofungin
(c) Myconazol (d) Streptomycin
- 193. Mechanism of Streptomycin action is through inhibition of**
(a) Cell wall synthesis
(b) Protein synthesis
(c) RNA and DNA synthesis
(d) Cell membranes permeability
- 194. The drug of choice for syphilis treatment is**
(a) Gontamycin (b) Penicillin
(c) Chloramphenicol (d) Doxycycline
- 195. The drug used for malaria chemoprophylaxis and treatment**
(a) Chloroquine (b) Quinidine
(c) Quinine (d) Sulfonamides
- 196. Choose the drug used for amoebiasis treatment**
(a) Nitrofurantoin (b) Iodoquinol
(c) Pyrazinamide (d) Mefloquine
- 197. The drug, inhibiting viral DNA synthesis**
(a) Interferon (b) Saquinavir
(c) Amantadine (d) Acyclovir
- 198. The drug used for Influenza prevention**
(a) Acyclovir (b) Rimantadine
(c) Saquinavir (d) Foscarnet
- 199. Choose the anticancer drug a pyrimidine antagonist**
(a) Fluorouracil (b) Mercaptopurine
(c) Thloguarune (d) Methotrexate
- 200. Enzyme drug used for acute leukemia Treatment**
(a) Dihydrololate reductase
(b) Asparaginase
(c) Aromatase
(d) DNA gyrase

Answer Key

1-b	2-b	3-a	4-a	5-b	6-b	7-a	8-c	9-b	10-b
11-d	12-c	13-a	14-b	15-c	16-d	17-b	18-c	19-a	20-c
21-d	22-d	23-b	24-b	25-d	26-a	27-c	28-d	29-a	30-c
31-d	32-b	33-a	34-c	35-d	36-d	37-a	38-b	39-c	40-d
41-b	42-b	43-a	44-a	45-c	46-c	47-d	48-a	49-b	50-c
51-a	52-c	53-b	54-c	55-a	56-d	57-b	58-c	59-b	60-d
61-b	62-a	63-b	64-c	65-b	66-a	67-b	68-a	69-b	70-d
71-d	72-a	73-b	74-a	75-c	76-c	77-b	78-c	79-b	80-a
81-a	82-d	83-a	84-d	85-b	86-c	87-a	88-c	89-a	90-b
91-c	92-d	93-a	94-a	95-b	96-c	97-b	98-c	99-a	100-c
101-d	102-a	103-c	104-b	105-d	106-b	107-c	108-b	109-a	110-a
111-c	112-c	113-c	114-a	115-c	116-b	117-a	118-b	119-d	120-d
121-b	122-a	123-d	124-c	125-b	126-a	127-a	128-c	129-a	130-d
131-a	132-c	133-c	134-d	135-b	136-a	137-c	138-a	139-c	140-a
141-b	142-a	143-c	144-b	145-b	146-b	147-c	148-b	149-c	150-a
151-b	152-c	153-a	154-b	155-c	156-d	157-b	158-b	159-d	160-b
161-d	162-b	163-a	164-a	165-d	166-b	167-a	168-d	169-a	170-c
171-c	172-d	173-c	174-c	175-a	176-b	177-b	178-d	179-b	180-d
181-d	182-b	183-b	184-a	185-c	186-a	187-b	188-d	189-a	190-b
191-b	192-c	193-b	194-b	195-a	196-b	197-d	198-d	199-a	200-a

1. **Physotigmine act as a cholinergic drug by**
 - (a) Directly binding with nicotinic receptors
 - (b) Binding with Muscarinic receptors
 - (c) Inhibiting cholinesterase enzyme
 - (d) Bind with B₁ receptors
2. **Which among the following is not a natural insecticide**
 - (a) Chrysanthemum cinerariifolium
 - (b) Nicotiana tobacum
 - (c) Ryania speciose
 - (d) Piper nigrum
3. **Most common adverse effect of non steroidalantin flammatory agent**
 - (a) CNS toxicity
 - (b) Gastro intestinal toxicity
 - (c) Ardiac toxicity
 - (d) Skin rashes
4. **Epinephrine is not used in**
 - (a) Bronchospasm
 - (b) Hypertension
 - (c) Hypertensitivity reaction
 - (d) Increased intra ocular pressure
5. **Barbiturate which is used for the induction of anesthesia is**
 - (a) Phenobarbitone
 - (b) Secobarbital
 - (c) Mephobarbital
 - (d) Thiopentone sodium
6. **A highly selective cox-2 inhibitor is**
 - (a) Tenoxicam
 - (b) Ketoprofen
 - (c) Celecoxib
 - (d) Ketorolac
7. **An antiviral drug used for the treatment of Parkinsonism is**
 - (a) Amantadine
 - (b) Levodopa
 - (c) Biperiden
 - (d) Selegiline
8. **A proton Pump inhibitor commonly used in the treatment of peptic ulcer is**
 - (a) Sucralfate
 - (b) Cimetidine
 - (c) Aluminium hydroxide gel
 - (d) Omeprazole
9. **Which among the following drugs is used as an emetic**
 - (a) Apomorphine
 - (b) Codeine
 - (c) Papaverine
 - (d) Noscopine
10. **Antibiotic which is used as a cytotoxic agent is**
 - (a) Piperacillin
 - (b) Ampicillin
 - (c) Cloxacillin
 - (d) Actinomycin D
11. **Colchicum autumnale belongs to the family**
 - (a) Liliaceae
 - (b) Rutaceae
 - (c) Moringaceae
 - (d) Rhamnaceae
12. **The act which controls the advertisement of certain drugs**
 - (a) The drug and Magic remedies Act 1955
 - (b) Insecticides Act 1948
 - (c) The Pharmacy Act 1948
 - (d) Poisons Act 1919
13. **Kwashiorkor is a disease associated with the deficiency of**
 - (a) Vitamin B₁₂
 - (b) Vitamin D
 - (c) Carbohydrate
 - (d) Protein
14. **Type of emulsion may be determined by**
 - (a) Leakage test
 - (b) Conductivity test
 - (c) Toxicity test
 - (d) Bubble point test
15. **Drugs coloured coated powdered or polished to conceal damage or to appear to be of better therapeutic value than they really are is called**
 - (a) Spurious drug
 - (b) Misbranded drug
 - (c) Adulterated drug
 - (d) Reprocessed drug
16. **Grease spot test is used to identify**
 - (a) Protein
 - (b) Carbohydrate
 - (c) Lipid
 - (d) Alkaloid
17. **Vitamin A is also called**
 - (a) Anti Scurvitic Vitamin
 - (b) Antisterilitic Vitamin
 - (c) Antihaemorrhagic Vitamin
 - (d) Antixerophthalmic Vitamin
18. **The foreign bodies which are present in our body are collectively called as**
 - (a) Xenobiotics
 - (b) Probiotics

- Which of the following respective Phase-1 and Phase-11 reactions are the most common drug biotransformation reactions**
 - Oxidation and Glucuronidation
 - Reduction and Acetylation
 - Hydrolysis and Glucuronidation
 - Oxidation and Glutathion conjugation
- Which one of the following drugs has positive inotropic and negative chronotropic action**
 - Dopamine
 - Epinephrine
 - Digoxin
 - Isoprenaline M
- Which one of the following therapeutic classes has been proved clinically as a first line therapy for heart failure and has shown decreased hospitalization, improved symptoms and delayed disease progression**
 - Cardiac glycosides
 - ACE Inhibitors (ACEis)
 - Renin Antagonists
 - Nitrites
- Which one of the following glucose transporters is the new drug target for the management of Type-2 diabetes mellitus**
 - Sodium glucose linked transporter-2 (SGLT2)
 - Glucose transporter-1 (GLUT1)
 - Sodium glucose linked transporter-1 (SGLT1)
 - Glucose transporter-2 (GLUT2)
- Which one of the following modes of HIV transmission carries highest relative risk of infection with single exposure**
 - Transfusion of blood and blood products
 - Perinatal - from mother to child
 - Sexual contacts with infected partners
 - Syringe sharing with drug addicts
- Which of the followings are the critical neurotransmitters playing major role in depression**
 - Acetylcholine, Norepinephrine and Dopamine
 - Dopamine, Norepinephrine and Serotonin
 - Serotonin, Dopamine and y-Amino
 - Acetylcholine, Serotonin and y-Amino butyric acid
- A 55 years old man is under DOTS treatment for pulmonary tuberculosis for the last four months. Now, he has developed symptoms of peripheral neuritis. Which one of the followings is the right addition to his therapy to manage peripheral neuritis**
 - Cyanocobalamin
 - a-Lipoic ac
 - Pyridoxine
 - Prednisolone
- What is the primary mechanism of action of local anesthetics**
 - Activation of ligand-gated potassium channels
 - Blockade of voltage-gated sodium channels
 - Stimulation of voltage-gated N-type calcium channels
 - Blockade of GABA-gated chloride channels
- Which one of the following anti-arrhythmic drugs acts by inhibiting potassium, sodium and calcium channels**
 - Quinidine
 - lignocaine
 - Amiodarone
 - Flecainide
- A 48 years old woman is having the symptoms of weight gain, cold intolerance, constipation, bradycardia, puffy face, lethargy and dry skin. These symptoms are suggestive of which of the followings**
 - Over use of corticosteroid
 - Hypothyroidism
 - Estrogen deficiency
 - Over use of thyroxin sodium
- Which one of the following receptors is NOT a ligand-gated ion channel receptor**

1. **Largest inhabited Riverine Island in the World**
(a) Gowalkot (b) Kabirvad
(c) Majuli (d) Bhavani
2. **Koyna River Valley Project is in**
(a) Madhya Pradesh
(b) Maharashtra
(c) Sikkim
(d) Himachal Pradesh
3. **Ghadprabha Bird Sanctuary is situated in**
(a) Belgaum (b) Bharatpur
(c) Shivpuri (d) Coorg
4. **The shape of the Deccan Plateau**
(a) Triangular (b) Rectangular
(c) Square (d) Hexagonal
5. **The hero in the Sanskrit drama Mudra Rakshasa of Visaghadatt(a)**
(a) Chanakya
(b) Ashoka
(c) Chandra Gupta Maurya
(d) Samudra Gupta
6. **The adopted son of Peshwa Baji Rao II was fought in the Revolt of 1857**
(a) Kunwar Singh (b) Mangal Panday
(c) Nana Sahib (d) Thantia Topi
7. **Ram Muhammed Singh Azad is famous in Indian freedom struggle as**
(a) Chandra Sekhar Azad
(b) Khudiram Bose
(c) Udam Singh
(d) Muhammed Iqbal
8. **Thannirmukkam Bundu is situated in**
(a) Sasthamkotta lake
(b) Ashtamudi lake
(c) Punnamada lake
(d) Vembanadu lake
9. **A river flowing through the Silent Valley area**
(a) Chalakkudi Puzha
(b) Prambikulam River
(c) Muthira Puzha
(d) Kunthi Puzha
10. **The only plateau in Kerala**
(a) Wynadu (b) Palghat
(c) Nilgiris (d) Idukki
11. **The first Vice Chancellor of the University of Travancore.**
(a) Sree Chittira Thirunal Bala Rama Varma
(b) Sir (c) P. RamaSwamy Iyyer
(c) P.G.N. Unnithan
(d) Dr. John Mathai
12. **The person who established the Advaita Ashram at Aluva**
(a) Chattampi Swamikal
(b) Swami Vivekananda
(c) Sankaracharya
(d) Sree Narayana Guru
13. **Name the social reformer who became member of Sree Moolam Praja Sabh(a)**
(a) Vagbhatananda
(b) Ayya Vaikundar
(c) Pandit Karuppan
(d) Ayyankali
14. **Dr. Palpu is in connection with**
(a) Ezhava Memorial
(b) Civic Rights Agitation
(c) Alayali Memorial
(d) Nivarthana Agitation
15. **Tomb of Kuriakose Elias Chavara is situated at**
(a) Manganam (b) Mannanam
(c) Munnar (d) Mannar
16. **Nicolas Maduro became the President of**
(a) Argentina (b) Brazil
(c) Cuba (d) Venezuela
17. **The founder director of CSIR-Centre for Cellular Molecular Biology**
(a) Bala Subrahmanian
(b) Sarat Chandra
(c) P. M. Bhargava
(d) Abdul Kalam
18. **Which country won the ICC Women's World Cup Final 2017**
(a) Australia (b) England
(c) India (d) West Indies
19. **Dad Saheb Phalke Award 2016 was received by**
(a) Manoj Kumar (b) Sasi Kapoor
(c) K.Viswanathan (d) Gulzar

RRB



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



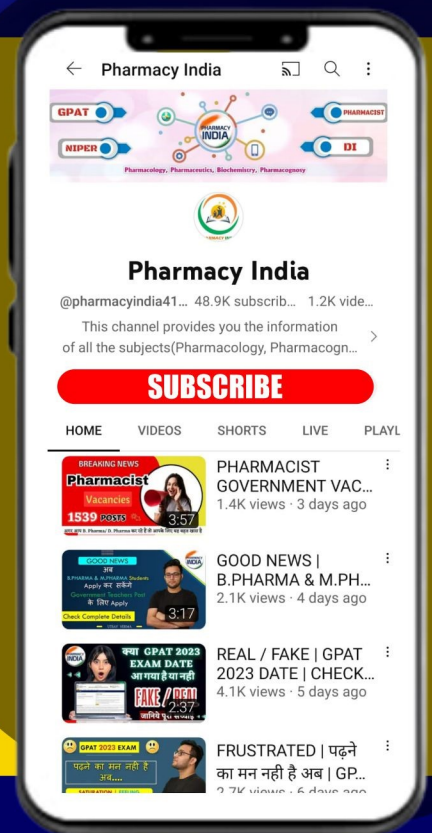
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