

HIMANCHAL PRADESH PHARMACIST – 2016

- In metabolic acidosis** (HIMANCHAL-2016)
 - HCO_3 excess
 - CO_2 decreased
 - HCO_3 deficit
 - All of the above
- In Wilson disease a condition of excess storage of** (HIMANCHAL-2016)
 - Fe
 - Zn
 - Cu
 - I
- Which compound can exist as stereoisomers?** (HIMANCHAL-2016)
 - $\text{CH}_3\text{CH}_2\text{CHO}$
 - $\text{CH}_3\text{CH}_2\text{COCH}_3$
 - $\text{CH}_3\text{CH}(\text{CH}_3)$
 - $\text{CH}_3\text{CH}_3\text{CHOHCH}_3$
- An antidiabetic drug Pioglitazone used in Type 2 diabetes acts by** (HIMANCHAL-2016)
 - Decrease of glucose uptake in muscles
 - Increasing insulin sensitivity
 - Inhibiting intestinal n-glucosidase
 - Stimulating insulin secretion.
- Co-administration of NSAIDS with warfarin may often lead to** (HIMANCHAL-2016)
 - Antagonistic interaction
 - Interaction to change in drug transport
 - Interaction due to disturbances in electrolyte balance
 - Additive or synergistic interaction
- In sugar coating tablets sub coating is done as** (HIMANCHAL-2016)
 - To prevent moisture absorption
 - To round the edges and build up the tablet size
 - To smoothen the surface
 - To cover and fill imperfection
- Water resistance glass container tested by measuring** (HIMANCHAL-2016)
 - Amount of alkali release into water
 - Amount of acid release into water
 - Turbidity
 - Amount of silicate in water
- Cab-O-Sil is used as** (HIMANCHAL-2016)
 - Lubricant
 - Anti-adherent
 - Glidant
 - Disintegrant
- Membrane filter tested by** (HIMANCHAL-2016)
 - Dissolution test
 - Bubble point test
 - LAL test
 - Retention test
- Which type of mixer used for ointment formulation** (HIMANCHAL-2016)
 - Planetary mixer
 - Double cone
 - Zig Zag type mixer
 - Ribon mixer
- Alkaline diuresis is done for the treatment of poisoning due to** (HIMANCHAL-2016)
 - Atropine
 - Morphine
 - Phenobarbitone
 - Amphetamine
- Therapeutic index is a measure of** (HIMANCHAL-2016)
 - Safety
 - Efficacy
 - Potency
 - Selectivity
- In which of the following phase of clinical trial of drugs, ethical clearance is not required** (HIMANCHAL-2016)
 - phase 1
 - Phase 2
 - Phase 3
 - Phase 4
- Which of the following has cytoplasmic receptor?** (HIMANCHAL-2016) *acts via*
 - Insulin
 - Cortisol
 - Epinephrine
 - FSH
- Inter dose interval depends on** (HIMANCHAL-2016)
 - Half life of drug
 - Age of patient
 - Dose of drug
 - None of these
- In which of the following phase of clinical trials, healthy human volunteers Participate** (HIMANCHAL-2016)

- (a) Phase-1 (b) Phase-2
(c) Phase - 3 (d) Phase-4
17. **Orange coloured urine is observed followed by the administration of anticoagulant** (HIMANCHAL-2016)
(a) Warfrain (b) Dicoumarol
(c) Anisindione (d) Protamine
18. **Which of the following antihypertensive also finds use in alopecia** (HIMANCHAL-2016)
(a) Minoxidil (b) Diazoxide
(c) Clonidine (d) Enalapril
19. **Chlorpromazine abolishes the antihypertensive action of** (HIMANCHAL-2016)
(a) Labetalol (b) Clonidine
(c) Propranolol (d) Atenolol
20. **Which of the following antacid also useful in the treatment of hypophosphatemia** (HIMANCHAL-2016)
(a) Calcium carbonate
(b) Magnesium trisilicate
(c) Magnesium carbonate
(d) Aluminium hydroxide
21. **Choose the one not used parenterally** (HIMANCHAL-2016)
(a) Citrate buffer
(b) Phosphate buffer
(c) Borate buffer
(d) Acetate buffer
22. **Aerosol intended for administration to lungs should contain particles in the range of** (HIMANCHAL-2016)
(a) 50-100 μm (b) 0.5-100 μm
(c) 0.5-10 μm (d) 0.2-20 μm
23. **Pyrogens are not** (HIMANCHAL-2016)
(a) Filterable
(b) Lipopolysaccharide
(c) Thermostable
(d) Volatile
24. **Hydrous wool fat is also known as** (HIMANCHAL-2016)
(a) Paraffin wax (b) Lanolin
(c) Macrogol (d) Mineral oil
25. **Which of the following is hermetically sealed** (HIMANCHAL-2016)
(a) Ampoules (b) Vials
(c) LVP bottles (d) None of these
26. **Type I glass is** (HIMANCHAL-2016)
(a) Sodalime glass
(b) SO_2 treated sodalime glass
(c) Borosilicate glass
(d) NP glass
27. **Water for Injection differs from sterile water for injection by** (HIMANCHAL-2016)
(a) Presence of pyrogens
(b) Presence of microbes
(c) Presence of ions
(d) All of the above
28. **Benzalkonium chloride is added to LVP in concentration of** (HIMANCHAL-2016)
(a) 0.002% w/v
(b) 0.2% w/v
(c) 0.0002% w/v
(d) 0.01% w/v
29. **Which of the following drugs binds to albumin?** (HIMANCHAL-2016)
(a) Verapamil (b) Penicillin
(c) Lidocaine (d) Propanol
30. **Which of the following is a prodrug?** (HIMANCHAL-2016)
(a) Enalapril (b) Ampicillin
(c) Dopamine (d) None of these
31. **Powders are dry, finely divided drugs/ chemicals intended for** (HIMANCHAL-2016)
(a) Internal use (b) External use
(c) Topical use (d) All of the above
32. **In the preparation of small pox vaccine, the drying process used is** (HIMANCHAL-2016)
(a) Spray drying (b) Vacuum drying
(c) Drum drying (d) Freeze drying
33. **In the preparation of the ointments, macrogols are used as** (HIMANCHAL-2016)

- (a) Water soluble base
(b) Hydrocarbon base
(c) Absorption base
(d) Oleogenous base
34. How many grams of a drug should be used in preparing 500 ml of a 1 : 2500 solution (HIMANCHAL-2016)
(a) 0.2 (b) 0.02
(c) 0.4 (d) 1.25
35. The dip tube in an aerosol container is made from one of the following choose the correct one : (HIMANCHAL-2016)
(a) Polypropylene (b) Glass
(c) Stainless steel (d) Aluminium
36. In which of the following techniques the sample is kept below triple point ? (HIMANCHAL-2016)
(a) Lyophilization (b) Spray drying
(c) Spray congealing (d) centrifugation
37. AgNO₃ is categorized into : (HIMANCHAL-2016)
(a) Oxidative antimicrobial agent
(b) Halogenated antimicrobial agent
(c) Protein precipitated antimicrobial agent
(d) All of the above
38. Burnett syndrome is associated with the prolonged uses of : (HIMANCHAL-2016)
(a) Calcium containing antacids
(b) Magnesium containing antacids
(c) Aluminium containing antacids
(d) All of the above
39. Blood is a (HIMANCHAL-2016)
(a) Acidic solution
(b) Basic solution
(c) Buffer solution
(d) Neutral solution
40. Which of the following types of medicines is used for treating indigestion (HIMANCHAL-2016)
(a) Antibiotic (b) Analgesic
(c) Antacid (d) Antiseptic
41. Which one of the following antimicrobial drugs, is suitable for the treatment of both TB (Tuberculosis) and Leprosy ? (HIMANCHAL-2016)
(a) Isoniazid
(b) P-amino salicylic acid
(c) Streptomycin
(d) Rifampicin
42. Antisterility Vitamin is (HIMANCHAL-2016)
(a) Vitamin-B₁₂ (b) Vitamin-D
(c) Vitamin-E (d) Vitamin-C
43. Vitamin is known as anti-haemorrhagic factor. (HIMANCHAL-2016)
(a) Vitamin-E (b) Vitamin-C
(c) Vitamin-K (d) None of these
44. Which of the following ergogenic aids is not a stimulant ? (HIMANCHAL-2016)
(a) Amphetamines (b) Caffeine
(c) Cocaine (d) Morphine
45. Pepsin enzyme is present in (HIMANCHAL-2016)
(a) Gastric juice
(b) Bile juice
(c) Pancreatic juice
(d) Saccus interecus
46. Which of the following increase the speed of biochemical reactions ? (HIMANCHAL-2016)
(a) Antibiotics
(b) Hormones
(c) Enzymes
(d) Monoclonal antibodies
47. The requirements and guidelines for clinical trials and manufacture of new drugs as per the drugs and cosmetics rules is given under schedule (HIMANCHAL-2016)
(a) N (b) Y (c) A (d) B
48. Clinical jaundice, typified by yellowing of the tissues is associated with elevated levels of (HIMANCHAL-2016)

- (a) Serum lysozyme
(b) Serum bilirubin
(c) Serum creatinine
(d) Serum g-glutamyl transferase
49. **Two ex-officio members of the Drugs Technical Advisory Board under Drugs and Cosmetic Act are** (HIMANCHAL-2016)
- (a) The Drugs Controller General of India and The President, Medical Council of India
(b) Drugs Controller General of India and The Secretary, Pharmacy Council of India
(c) The Secretary, Pharmacy Council of India and The Director, NIPER, India
(d) The Drugs Controller General of India and The Director, NIPER, India
50. **Gram positive bacteria typically contains** (HIMANCHAL-2016)
- (a) Cell walls that lack peptidoglycans
(b) Repeating units of arabinogalactan and mycolates in their cell walls
(c) Peptidoglycans muramic acid and D amino acids in their cell walls
(d) Cell walls containing predominantly polysaccharides and glycoproteins
51. **List of diseases and ailments which a drug may not purport to prevent or cure or make claims to prevent or cure under the Drugs and Cosmetics Rule 1945 is given under** (HIMANCHAL-2016)
- (a) Schedule J (b) Schedule K
(c) Schedule M (d) Schedule P
52. **Stalagmometer is used for the measurement of** (HIMANCHAL-2016)
- (a) Volume of liquid
(b) Viscosity of liquid
(c) Surface, tension of liquid
(d) Density of liquid
53. **The tablet hardness normally ranges in kg** (HIMANCHAL-2016)
- (a) 2 kg (b) 5 kg
(c) 1 kg (d) 0.5 kg
54. **Decomposition of penicillin and sulpha drugs is accelerated by addition of a as following compound known as** (HIMANCHAL-2016)
- (a) Camphor (b) Menthol
(c) Vanillin (d) Piperine
55. **Bougies are introduced into** (HIMANCHAL-2016)
- (a) Rectum (b) Vagina
(c) Eye (d) Nose
56. **Due to incompatibility reasons parabens should not be added as preservative in** (HIMANCHAL-2016)
- (a) Haematinic syrup
(b) Cough syrup
(c) Antibiotic syrup
(d) Digestive syrup
57. **Fluids or semifluids Systems containing hydrated granules in a dispersion medium are known as** (HIMANCHAL-2016)
- (a) Gels (b) Creams
(c) Pastes (d) Effervescent granules
58. **Higher zeta potential gives deflocculated type suspension and results in** (HIMANCHAL-2016)
- (a) Sedimentation
(b) Transparent form
(c) Cake form
(d) Brittle form
59. **Emulsifying agent Should be able to reduce interfacial tension less than** (HIMANCHAL-2016)
- (a) 1 dyne/cm (b) 10 dynes/cm
(c) 20 dynes/cm (d) 30 dynes/cm
60. **HLB system is used to classify** (HIMANCHAL-2016)
- (a) Surfactants
(b) Preservatives
(c) Antioxidants
(d) Sequestering agents
61. **A Ledger book contains** (HIMANCHAL-2016)

- (a) All cash transactions
(b) Original entry
(c) Secondary entry
(d) Petty cash entry
62. The first edition of Indian Pharmacopoeia was published in the year (HIMANCHAL-2016)
(a) 1940 (b) 1985
(c) 1955 (d) 1950
63. Drugs used in the treatment of bronchial asthma usually (HIMANCHAL-2016)
(a) Block both α and β adrenergic receptors
(b) Stimulate α receptor but block β receptor
(c) Stimulate β receptor but block α receptor
(d) Stimulate α and β receptors
64. Erythromycin is an antibiotic. It belongs to the class of (HIMANCHAL-2016)
(a) β -Lactum
(b) Aminoglycoside
(c) Macrolide
(d) Peptide
65. Which of the following minerals form bones and teeth (HIMANCHAL-2016)
(a) Calcium and Phosphorous
(b) Potassium and Calcium
(c) Sulphur and Iron
(d) Phosphorous s and Iron
66. Which disease is transmitted from infected mammals to man (HIMANCHAL-2016)
(a) Chickenpox
(b) Malaria
(c) Rabies
(d) AIDS
67. The main function of WBC is to (HIMANCHAL-2016)
(a) Transport substances
(b) Remove dead cells
(c) Increase blood circulation
(d) Fight against infection
68. Anabolic steroids mainly acts upon the (HIMANCHAL-2016)
(a) Central Nervous System
(b) Digestive system
(c) Respiratory system
(d) Muscular system
69. Fiehe's Test is associated with (HIMANCHAL-2016)
(a) Starch (b) Gum Acacia
(c) Honey (d) Agar
70. Positive Schick Test indicates (HIMANCHAL-2016)
(a) Immunity to Diphtheria
(b) Susceptibility to Diphtheria
(c) Hypersensitivity to Diphtheria
(d) Infection with Diphtheria
71. A drug which is not a anti-histaminic (HIMANCHAL-2016)
(a) Chloropheniniine
(b) Promethazine
(c) Diphenhydromine
(d) Chloropromazine
72. This drug is a diuretic of high efficacy (HIMANCHAL-2016)
(a) Furosemide (b) Mannitol
(c) Triameterene (d) Amiloride
73. Amyl nitrate is usually administered by (HIMANCHAL-2016)
(a) Inhalation
(b) Sublingual rocite
(c) SC route
(d) Ingestion
74. MAO inhibitor is **Mitrozapine** (HIMANCHAL-2016)
(a) Floxetine
(b) Moclobemide
(c) Mitrozapine
(d) Bupropione
75. One of the following drug is not a aminoglycoside (HIMANCHAL-2016)
(a) Amikecin (b) Tobramycin
(c) Netilmicin glycoside (d) Adrenaline
76. Drug used in treatment of glaucoma (HIMANCHAL-2016)

- (a) Pilocarpine (b) Homatropine
(c) Tropicamide (d) Scopolamine
77. The buffer used for maintaining acid-base balance in the blood (HIMANCHAL-2016)
- (a) Formic acid-Sodium formate
(b) Acetic acid-Sodium acetate
(c) Ammonium hydroxide-Ammonium chloride
(d) Carbonic acid-Bicarbonate ion
78. Avil is a brand name for (HIMANCHAL-2016)
- (a) Mepyramine maleate
(b) Chlorpheniramine malate
(c) Promethazine HCl
(d) Pheniramine maleate
79. Measles vaccine is (HIMANCHAL-2016)
- (a) A bacterial vaccine and bacteria are grown on artificial media
(b) A viral vaccine and virus are grown on chick embryo cells
(c) A vaccine prepared by injecting sheep, rabbit, mice and other animal intracerebrally with virus
(d) A vaccine prepared by using calves and sheep
80. Fine powder is a powder of which all the particles pass through a sieve with nominal mesh aperture size of (HIMANCHAL-2016)
- (a) 1.7 μm (b) 710 μm
(c) 355 μm (d) 180 μm
81. The closure "cork" is obtained from the bark of which tree (HIMANCHAL-2016)
- (a) Neem tree (b) Oak tree
(c) Banyan tree (d) Bamboo tree
82. Alcoholic preparations can be stored in warehouse for a maximum period of (HIMANCHAL-2016)
- (a) 10 years (b) 3 years
(c) 7 years (d) 1 year
83. Food wrapped in newspapers is likely to get contaminated by (HIMANCHAL-2016)
- (a) Magnesium (b) Aluminium
(c) Lead (d) Copper
84. The level of creatinine is analysed by (HIMANCHAL-2016)
- (a) Hay's test (b) Gmelin test
(c) Urease test (d) Jaffe's test
85. FAD and FMN are coenzymes form of (HIMANCHAL-2016)
- (a) Thiamine (b) Riboflavin
(c) Ascorbic acid (d) Niacin
86. Which is not an essential amino acid ? (HIMANCHAL-2016)
- (a) Threonine (b) Tryptophan
(c) Valine (d) Glutamine
87. The time required for the division of *Escherichia coli* is (HIMANCHAL-2016)
- (a) 10 minutes (b) 20 minutes
(c) 1 hour (d) 90 minutes
88. Phenyl mercuric nitrate is used as preservative. Its effective concentration is (HIMANCHAL-2016)
- (a) 0.002% (b) 0.02 %
(c) 0.2% (d) 2.0%
89. Zichl Neelson method is used to identify (HIMANCHAL-2016)
- (a) *Cornebacterium diptheriae*
(b) *M. Tuberculosis*
(c) *Cholera vibroae*
(d) *Salmonella typhii*
90. The Magic Remedies Act was passed and enforced in the year (HIMANCHAL-2016)
- (a) 1954 (b) 1960
(c) 1948 (d) 1930
91. Mahmud Ghazni attacked first time on the Kangra Fort in the year (HIMANCHAL-2016)
- (a) 1000 AD (b) 1003 AD
(c) 1009 AD (d) 1017 AD
92. The famous revolutionist Bhai Heerda Ram belonged to which one of the following districts ? (HIMANCHAL-2016)
- (a) Mandi (b) Sirmaur
(c) Shimla (d) Chamba
93. Anarya King Shambar fought many battles with this Arya King (HIMANCHAL-2016)
- (a) Susharm Chand (b) Meru Verman
(c) Divodas (d) Veer chand

94. **Tong Bandh' Lake is also famous as** (HIMANCHAL-2016)
 (a) Maharana Pratap Sagar
 (b) Ranjeet Sagar
 (c) Govind Sagar
 (d) Pandoha
95. **Buddhil and Siuel are the tributaries of which river** (HIMANCHAL-2016)
 (a) Ravi (b) yyas
 (c) Satluj (d) Chandrabhaga
96. **'Sanjay Vidyut Pariyojna' is situated in which of the following districts** (HIMANCHAL-2016)
 (a) Mandi (b) Kullu
 (c) Kinnaur (d) Bilaspur
97. **Rajeev Gandhi Government Ayurvedik College is situated at** (HIMANCHAL-2016)
 (a) Tanda (b) Batinath
 (c) Nagrota Bangava (d) Paprola
98. **During the regime of which Viceroy 'Golf Course' plane was developed Naldehra** (HIMANCHAL-2016)
 (a) Lord Dalhousie
 (b) Lord Ripon
 (c) Lord William Bantick
 (d) Lord Curzon
99. **In the year 1948 the city emerged as Mahasu District** (HIMANCHAL-2016)
 (a) Chamba (b) Sirmaur
 (c) Shimla (d) Una
100. **The origin of KangraKalam (Chitrakala Shaily) is known as** (HIMANCHAL-2016)
 (a) Noorpur (b) Sujanpur
 (c) Guler (d) ParagPur
101. **'Kariyala' and 'Swang' are the names of** (HIMANCHAL-2016)
 (a) Traditional Dresses of Kinnaur District
 (b) Traditional food dishes at Kangra District.
 (c) Traditional Folk Dances at Sirmaur District
 (d) Traditional Marshal Arts of Lahaul-Spiti
102. **.....gun manufacturing industry is situated at Ramnagar in the district.** (HIMANCHAL-2016)
 (a) Sirmaur (b) Una
 (c) Mandi (d) Kangra
103. **Famous Bijli Mahadev Mandir is situated in district** (HIMANCHAL-2016)
 (a) Chamba (b) Kullu
 (c) Kangra (d) Mandi
104. **Bhunda Festival is organized after even years in Nirmand** (HIMANCHAL-2016)
 (a) 4 (b) 6
 (c) 10 (d) 12
105. **The painter of the famous painting' the Kangra Bride** (HIMANCHAL-2016)
 (a) Amruta Shergil
 (b) Sardar Sobha Sinh
 (c) Nicholas Roerick
 (d) Norah Richards
106. **Himalayas Abode of Life' has been written by** (HIMANCHAL-2016)
 (a) J. Hutchinson
 (b) A.F.P. Harcourt
 (c) Nicholas Roerick
 (d) Norah Richards
107. **Bangana Block is the part of which district** (HIMANCHAL-2016)
 (a) Hamirpur
 (b) Kangra
 (c) Una
 (d) Chamba
108. **Who was the first Lady Governor of Himachal Pradesh** (HIMANCHAL-2016)
 (a) V.S. Ramadevi
 (b) Prabha Rao
 (c) Sheela Kaul
 (d) Urmila Singh
109. **Place 'Kasol' is famous for** (HIMANCHAL-2016)

- (a) Shikari Devi Temple
- (b) Hospital for Leprosy patients
- (c) Hot water springs
- (d) Fruit processing centre

110. Player Rishi Dhawan belongs to

(HIMANCHAL-2016)

- (a) Kabaddi
- (b) Mountaineering
- (c) Red-D Himalayas Car Rally
- (d) Cricket

111. What is the full form of NSG ? (It was recently in news) (HIMANCHAL-2016)

- (a) National Security Group
- (b) Nuclear Security Group
- (c) Nuclear Special Group
- (d) Nuclear Suppliers Group

112. Which of the following countries has won the finals of '2016-Men's Hockey Champions Trophy' (HIMANCHAL-2016)

- (a) Germany
- (b) India
- (c) U.K
- (d) Australia

113. 'David Cameroon' is the (HIMANCHAL-2016)

- (a) Presumptive Republican US Presidential series Candidate
- (b) Director of famous 'Harry potter' film series
- (c) Prime Minister of U.K.
- (d) President of France

114. Who has recently been awarded 'Dada Saheb Phalke Award' in 63rd National Film Awards Ceremony (HIMANCHAL-2016)

- (a) Dilip Kumar
- (b) Pran
- (c) Rajender Kumar
- (d) Manoj Kumar

115. Which of the following Indians is not included in the list of '100 Most Influential People in the World' released by 'Time' Magazine on April 21, this year ?

(HIMANCHAL-2016)

- (a) Sunder Pichai
- (b) Sania Mirza

- (c) Priyanka Chopra
- (d) Deepika Padukone

116. What was the theme of 'International Day of Yoga- 2016' ? (HIMANCHAL-2016)

- (a) Let us have healthy life
- (b) Connect the Youth
- (c) Healthy World
- (d) Connect the World

117. The 'Financial emergency is declared by (HIMANCHAL-2016)

- (a) The Prime Minister
- (b) The President
- (c) The Finance Minister
- (d) The Home Minister

118. There areSchedules in the Constitution of India. (HIMANCHAL-2016)

- (a) 8
- (b) 12
- (c) 16
- (d) 22

119.is empowered to form new States or to alter the areas/boundaries or names of the existing States by the Constitution of India. (HIMANCHAL-2016)

- (a) Lok Sabha
- (b) Parliament
- (c) The President
- (d) Specially Constituted Commission for the purpose

120. Article-370 of the Constitution gives special status to (HIMANCHAL-2016)

- (a) Meghalaya
- (b) Goa
- (c) Puducherry
- (d) J & K

121.layer of atmosphere is very important for the living organisms on the earth surface (HIMANCHAL-2016)

- (a) Troposphere
- (b) Stratosphere
- (c) Mesosphere
- (d) Thermosphere

122.is known as the largest producer of Jute in India (HIMANCHAL-2016)

- (a) Odisha
- (b) West Bengal
- (c) Gujarat
- (d) Maharashtra

123. 'Salal Hydroelectricity Power Project' is in (HIMANCHAL-2016)

- (a) Assam (b) West Bengal
(c) J & K State (d) Karnataka
- 124. Which of the following States is not included in 'Seven Sister States'?** (HIMANCHAL-2016)
- (a) Arunachal Pradesh
(b) West Bengal
(c) Meghalaya
(d) Assam
- 125. Aryans first settled in an area that is now known** (HIMANCHAL-2016)
- (a) Sind
(b) Gujarat
(c) Punjab
(d) Uttar Pradesh
- 126. Mahabharata was fought for days/ years** (HIMANCHAL-2016)
- (a) 18 days (b) 24 days
(c) 11/2 years (d) 18 years
- 127. 'Kautilya's Arthashastra is a book on** (HIMANCHAL-2016)
- (a) Economics and Environment
(b) Principles and Practice of State craft
(c) Duties of a King
(d) All of the above
- 128. was the founder of Delhi Sultanate** (HIMANCHAL-2016)
- (a) Iltutmish
(b) Balban
(c) Muhammad bin Tughlaq
(d) Qutubuddin Aibak
- 129. Who wrote the famous book 'Anandmath' ?** (HIMANCHAL-2016)
- (a) Aurobindo Ghosh
(b) Rabindra Nath Tagore
(c) Bankim Chandra Chatterjee
(d) Surender Nath Banerjee
- 130. The Reforms Movement in India among Muslims started by 'Sir Sayed Ahmed Khan' is known as** (HIMANCHAL-2016)
- (a) Khilafat Movement
(b) Ahmadiya Movement
(c) Wahabi Movement
(d) Aligarh Movement
- 131. Who gave the call — 'Back to Vedas' ?** (HIMANCHAL-2016)
- (a) Swami Vivekananda
(b) Swami Dayananda Saraswati
(c) Raja Ram Mohan Roy
(d) Ishwar Chandra vidyasagar
- 132. The name 'Narsingh yadav' is associated with** (HIMANCHAL-2016)
- (a) Boxing (b) Shootings
(c) Hockey (d) Wrestling
- 133. What is the official slogan (motto) of the Rio Olympics - 2016** (HIMANCHAL-2016)
- (a) A Majestic World
(b) World in Harmony
(c) A New World
(d) One World, One Home
- 134. 'Diljit Dosanjh' has recently played a role in this Hindi film?** (HIMANCHAL-2016)
- (a) Do Lafzon Ki Kahani
(b) Te3n
(c) Housefull-3
(d) Udta Punjab
- 135. The smallest bone in human body is present in** (HIMANCHAL-2016)
- (a) Skull (b) Ear
(c) Nose (d) Leg
- 136. is a Vitamin** (HIMANCHAL-2016)
- (a) Formic Acid (b) Acetic Acid
(c) Ethyl Alcohol (d) Ascorbic Acid
- 137. The impact of causes Nuclear Fission** (HIMANCHAL-2016)
- (a) Deuteron (b) Proton
(c) Electron (d) Neutron
- 138. The oil in the wick of a lamp rises due to action.** (HIMANCHAL-2016)
- (a) Surface tension
(b) Atmospheric pressure
(c) Centrifugal
(d) Capillary
- 139. Which of the following is not a specialized agency of United Nations** (HIMANCHAL-2016)
- (a) ILO (b) WHO
(c) PTI (d) IMF

140. 'The Last Supper' is a famous painting of (HIMANCHAL-2016)

- (a) Leonardo da Vinci
- (b) Michelangelo
- (c) Van Gogh
- (d) Pablo Picasso

141. Complete the series : Z2I, X4G, T16C, R32A (HIMANCHAL-2016)

- (a) U8F
- (b) W8E
- (c) V8E
- (d) V8F

142. Choose the odd one out : (HIMANCHAL-2016)

- (a) Yard
- (b) Distance
- (c) Inch
- (d) Mile

143. Select the correct meaning of idiom (HIMANCHAL-2016)

- (a) An unexpected good fortune
- (b) To have a big success
- (c) Something very easy to bear
- (d) To face trouble or bad consequences

144. Produced or manufactured within a country without any foreign assistance Or support (HIMANCHAL-2016)

- (a) National
- (b) Domestication
- (c) Indigenous
- (d) Handicraft

145. The synonym of the word 'PECULIAR' is (HIMANCHAL-2016)

- (a) Unknown
- (b) Known
- (c) Strange
- (d) Common

146. The leaders of the opposition abstained voting (HIMANCHAL-2016)

- (a) of
- (b) by
- (c) to
- (d) from

147. शुद्ध शब्द है (HIMANCHAL-2016)

- (a) तर्षित्य
- (b) वित्रिय
- (c) त्रितष्य
- (d) तप्तीय

148. "अर्धांगिनी" का पर्यायवाची है (HIMANCHAL-2016)

- (a) आत्मना
- (b) धात्री
- (c) भार्या
- (d) मस्तना

149. सर्वमान्य नियम के विरुद्ध बात (HIMANCHAL-2016)

- (a) अंधविश्वास
- (b) आडम्बर
- (c) अपवाद
- (d) विवाद

150. 'आटा गोला होना'— मुहावरे का अर्थ है (HIMANCHAL-2016)

- (a) परेषान करना

(b) संकट में पड़ना

(c) व्यर्थ कार्य

(d) दुनियादारी का ज्ञान न होता

151. Which of the following dryers is used when solvent needs to be recovered (HIMANCHAL-2016)

- (a) Vacuum dryer
- (b) Freeze dryer
- (c) Pneumatic dryer
- (d) Fluidized bed dryer

152. The action of a drug on the body, including, receptor interactions, dose receptors phenomena and mechanism of therapeutic and toxic action is defined as (HIMANCHAL-2016)

- (a) Toxicology
- (b) Pharmacokinetics
- (c) Pharmacogenetics
- (d) Pharmacodynamics

153. Drug, chemically known as "5-methylpyrazine -2-carboxylic acid-4-oxide", is used in which of the following disease? (HIMANCHAL-2016)

- (a) Allergy
- (b) Hypertension
- (c) Dyslipidemia
- (d) Tuberculosis

154. If the plasma concentration of drug declines with "first order kinetics". This means that (HIMANCHAL-2016)

- (a) There is only one metabolic path for drug disposition
- (b) The half life is the same regardless of the plasma concentration
- (c) The drug is largely metabolized in the liver after oral administration and has low bioavailability
- (d) The drug is not distributed outside the vascular system

155. Which of the following compound is aromatic? (HIMANCHAL-2016)

- (a) Cyclopropenyl anion
- (b) Cycloheptatrienyl anion
- (c) Cyclopentadienyl cation

- (d) Cycloheptatriene
156. In presence of Hydrofluoric acid (H_2F_4), Nitric acid acts as (HIMANCHAL-2016)
- (a) Lowry-Bronsted acid
(b) Lowry-Bronsted base
(c) Arrhenius acid
(d) Can't be estimated
157. Which of the following is an Inhibitor of LDH? (HIMANCHAL-2016)
- (a) Iodoacetate (b) Oxamate
(c) Arsenite (d) Flouride
158. Side effects of a drug can be minimized by its high :
- (a) Affinity (b) Solubility
(c) Hydrophobicity (d) Specificity
159. The process by which the amount of a drug in the body decreases before entering the systemic circulation is known as : (HIMANCHAL-2016)
- (a) Metabolism
(b) First pass effect
(c) Elimination
(d) Excretion
160. Which of the following drug is commonly administered by intranasal route? (HIMANCHAL-2016)
- (a) Insulin (b) Adrenaline
(c) Desmopressin (d) Ganirelix
161. Major mechanism of transport of drugs across biological membranes is by (HIMANCHAL-2016)
- (a) Passive diffusion
(b) Active transport
(c) Endocytosis
(d) Facilitated diffusion
162. Maintenance dose rate of a drug depends primarily on : (HIMANCHAL-2016)
- (a) Half life
(b) Volume of distribution
(c) Lipid solubility
(d) Total body clearance
163. Induction of microsomal enzymes can result in : (HIMANCHAL-2016)
- (a) Tolerance (b) Dependence
- (c) Toxicity (d) Supersensitivity)
164. Which of the following does not act as second messenger (HIMANCHAL-2016)
- (a) Cyclic AMP
(b) Diacylglycerol
(c) G proteins
(d) Inositol triphosphate
165. Drug having very low therapeutic range is : (HIMANCHAL-2016)
- (a) Lithium (b) Sertraline
(c) Roboxetine (d) Dothiepin
166. Sucrose on prolonged heating with calcium hydroxide solution under pressure yield (HIMANCHAL-2016)
- (a) Gluconic acid (b) Lactic acid
(c) Tartaric acid (d) Saccharic acid
167. Patients who have received MAO inhibitors may experience severe hypertensive crisis if they ingest (HIMANCHAL-2016)
- (a) Milk (b) Beer
(c) Fruit juice (d) Coffee
168. Major adverse effect of chlonidine is (HIMANCHAL-2016)
- (a) Arrhythamics
(b) Bradycardia
(c) Dry mouth
(d) Sexual dysfunction
169. Oral contraceptive failure in rifampicin therapy is due to their (HIMANCHAL-2016)
- (a) Decreased excretion
(b) Increased absorption
(c) Increased metabolism
(d) Inhibition of cyst formation
170. Propranolol is contraindicated in patients with ? (HIMANCHAL-2016)
- (a) Angina pectoris
(b) Supraventricular arrythmias
(c) Hypertension
(d) Glaucoma
171. Which of the following drug does not cross the blood barrier ? (HIMANCHAL-2016)

- (a) Hyoscyamine
(b) Neostigmine
(c) Atropine
(d) Ethionamide
- 172. Disruption of the purine and pyrimidine base of DNA pairing occurs with ?** (HIMANCHAL-2016)
(a) 5-Fluorouracil
(b) Methotrexate
(c) Cyclophosphamide
(d) Propylidone
- 173. Sulphonamide is conjugated with :** (HIMANCHAL-2016)
(a) Acetylation
(b) Methylation
(c) Hydroxylation
(d) None of these
- 174. Which of the following is not an oxidative type of drug metabolism ?** (HIMANCHAL-2016)
(a) Deamination
(b) N-oxidation
(c) N-dealkylation
(d) Glucuronidation
- 175. ED 50 is used for determining :** (HIMANCHAL-2016)
(a) Toxicity (b) Potency
(c) Safety (d) Efficacy
- 176. Which of the following drugs have the least oral bioavailability ?** (HIMANCHAL-2016)
(a) d-tubocurarine (b) AmPicillin
(c) Morphine (d) Phenvtoin
- 177. Which of the following is an enzyme inhibitor ?** (HIMANCHAL-2016)
(a) Phenobarbitone
(b) Tolbutamide
(c) Ketoconazole
(d) None of these
- 178. Alkalinization of urine is required to treat toxicity of all except :** (HIMANCHAL-2016)
(a) Salicylates
(b) Amphetamine
(c) Barbiturates
(d) Sulfonamides
- 179. Which of the following drugs is commonly used in narcoanalysis ?** (HIMANCHAL-2016)
(a) Atropine sulfate
(b) Scopolamine hydrochloride
(c) Morphine
(d) None of these
- 180. Which of the following drug reduces blood pressure by directly decreasing heart rate alone ?** (HIMANCHAL-2016)
(a) Propranolol
(b) Prazosin
(c) Nitroprusside sodium
(d) None of these
- 181. Drug of choice for mushroom poisoning is :** (HIMANCHAL-2016)
(a) Adrenaline (b) Carbachol
(c) Atropine (d) None of these
- 182. Which test is used to check the purity of butter containing good conc. of volatile fatty acid ?** (HIMANCHAL-2016)
(a) Reichert-Meissl No.
(b) Acid No.
(c) Iodine No.
(d) Ash value
- 183. Which of the following is/are an essential Fatty Acids ?** (HIMANCHAL-2016)
(a) Linoleic Acid
(b) Linolenic Ac
(c) Arachidonic Acid
(d) All of the above
- 184. Edman's Reagent is chemically ?** (HIMANCHAL-2016)
(a) Phenyl isothiopropionate
(b) Phenyl isothiocyanate
(c) Phenyl isothiocyanate
(d) Phenyl Butylpropionate
- 185. Which of the following is non-peptide ?** (HIMANCHAL-2016)
(a) Kallidin (b) Bradykinin
(c) Substance P (d) Gastrin
- 186. Phenytoin can be prepared by heating alcoholic ammonia with ?** (HIMANCHAL-2016)
(a) α -bromodiphenyl acetyl urea
(b) α -bromo phenyl ethyl acetyl urea

- (c) α -bromodiethyl acetyl urea
 (d) α -bromo benzyl phenyl acetyl urea

187. Increasing hydrocarbon content upto 7-9 carbon atoms in 5th position of barbiturates result in? (HIMANCHAL-2016)

- (a) Increase in onset and increase in duration of action
 (b) Increase in onset and decrease in duration of action
 (c) Decrease in onset and increase in duration of action
 (d) Decrease in onset and decrease in duration of action

188. Aspartame is (HIMANCHAL-2016)

- (a) Methyl ester of aspartic acid and ornithine
 (b) Ethyl ester of aspartic acid and phenylalanine
 (c) Methyl ester of aspartic acid and phenylalanine
 (d) None of the above

189. Static quenching occurs due to (HIMANCHAL-2016)

- (a) Ionization
 (b) Complexation
 (c) Oxidation
 (d) Hydrolysis

190. The following are detectors used in flame photometry : (HIMANCHAL-2016)

- (a) Phototube
 (b) Flame ionization detector
 (c) Photomultiplier tube
 (d) None of these

191. The species which absorb radiation in AAS are (HIMANCHAL-2016)

- (a) Neutral atoms (b) Cations
 (c) Anions (d) Free radicals

192. Bathochromic shift refers to shifting of λ_{max} towards (HIMANCHAL-2016)

- (a) Shorter wavelength
 (b) Longer wavelength
 (c) Medium wavelength
 (d) None of the above

193. The widely used source of light in UV is (HIMANCHAL-2016)

- (a) Hydrogen discharge lamp
 (b) Deuterium lamp

- (c) Xenon discharge lamp
 (d) Mercury arc lamp

194. Plastic syringes and catheters can be sterilized by (HIMANCHAL-2016)

- (a) Hot air sterilization
 (b) Gaseous sterilization
 (c) Moist sterilization I
 (d) Filtration

195. On the basis of ownership, industries are following categories except :

(HIMANCHAL-2016)

- (a) Public sector
 (b) Private sector
 (c) Joint sector
 (d) Cottage industries

196. is the first in selection process (HIMANCHAL-2016)

- (a) Preliminary interview
 (b) Application blank
 (c) Employment test
 (d) Scrutiny of applications

197. Sales return means goods returned to the supplier due to (HIMANCHAL-2016)

- (a) Good quality
 (b) Defective quality
 (c) Super quality
 (d) None of these

198. The disinfecting action of chlorine is due to ? (HIMANCHAL-2016)

- (a) Hypochlorous acid
 (b) Hydrochloric acid
 (c) Hypochromic acid
 (d) Chromic acid

199. Filariasis is caused by ? (HIMANCHAL-2016)

- (a) Wacheria bancrofi
 (b) Rhabdo virus
 (c) Plasmodium vivax
 (d) Hook worm

200. Saline Cathartics should not be given to (HIMANCHAL-2016)

- (a) Patients with cardiovascular disorders
 (b) Patients with history of convulsions
 (c) Patients with low sodium diet
 (d) Patients with muscular disorders