



PHARMACIST EXAM
VADODARA MUNICIPAL CORPORATION

Paper
Series

C

Questions : 100

Max Marks: 100

Date: 17 Dec.'23 Duration : 90

Please read the instructions carefully before attending the Question paper. All Questions are compulsory.

- Respiratory distress syndrome in premature infants is caused by the absence of:
(A) Cephaline (B) Lecithin
(C) Phosphatidyl serine (D) Myoinositol
(E) Not Attempted
- Indicate the skeletal muscle relaxant, which is a depolarizing agent
(A) Vencuronium (B) Scopolamine
(C) Succinylcholine (D) Hexamethonium
(E) Not Attempted
- Indicate a reversible cholinesterase inhibitor
(A) Isoflurophale (B) Carbochol
(C) Physostigmirie (D) Parathion
(E) Not Attempted
- Which one of the following groups is responsible for the duration of the local anesthetic action ?
(A) Intermediate chain (B) Lipophylic group
(C) Ionizable group (D) All of the above
(E) Not Attempted
- Drugs suppressing nausea and vomiting are:
(A) Anti-emetic (B) Anti-diarrheal
(C) Anti-ulcer (D) Antiseptic
(E) Not Attempted
- Which factor is more decisive in the choice of a drug?
(A) Potency (B) Efficacy
(C) Toxicity (D) all equally
(E) Not Attempted
- Blood plasma and blood serum preparations are dried by;
(A) Freeze dryer (B) Vacuum dryer
(C) Spray dryer (D) Fluidized bed dryer
(E) Not Attempted
- Lipid derived autocooids are all EXCEPT
(A) Leukotrines (B) Histamine
(C) Prostaglandins (D) Platelets activating factor
(E) Not Attempted
- The rod shaped bacteria are :
(A) Coccus (B) Spirilla
(C) Bacillus (D) Vibrios
(E) Not Attempted
- The disease that is completely eradicated from India through systematised immunisation programme is:
(A) Diphtheria (B) Small Pox
(C) Whooping Cough (D) Leprosy
(E) Not Attempted
- Kala Azar is a type of:
(A) Giardiasis (B) Leishmaniasis
(C) Helminthiasis (D) Schistosomiasis
(E) Not Attempted
- One among the following is a volatie oil containing crude drug :
(A) Chirata (B) Cardamom
(C) Linseed (D) Myrobalan
(E) Not Attempted
- Which of the following is not a waste product of protein metabolism?
(A) Urea (B) Ammonia
(C) Creatinine (D) Uric acid
(E) Not Attempted
- The diagnostic agent used for the functioning of thyroid gland :
(A) Fe-59 (B) I-131
(C) Co-60 (D) P-32
(E) Not Attempted
- The ortho-toluidine test is performed for assessing the effectiveness of:
(A) Chlorination (B) Organic purification
(C) Sewage treatment (D) Water purification
(E) Not Attempted
- The protein-DNA complex in higher organisms is called:
(A) Transferrin (B) Chromatin
(C) Interferon (D) Dystrophin
(E) Not Attempted
- Amantadine is the drug used as :
(A) Antibacterial (B) Antiviral
(C) Antifungal (D) Antiprotozoal
(E) Not Attempted
- mRNA is synthesised in the nucleus as :
(A) tmRNA (B) snoRNA
(C) scRNA (D) hnRNA
(E) Not Attempted





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19. The adipose tissue in new-borns is called:
(A) Yellow Fat (B) White Fat
(C) Black Fat (D) Brown Fat
(E) Not Attempted
20. First pass effect' is seen with which route of administration?
(A) Oral (B) Intramuscular
(C) Sublingual (D) Intravenous
(E) Not Attempted
21. કઠિયારાને રોજ કરતાં સવાયું વેતન મળ્યું સવાયું -
વિશેષણનો પ્રકાર જણાવો
(A) પરિમાણવાચક (B) અનિશ્ચિત સંખ્યાવાચક
(C) દર્શક (D) સંખ્યાવાચક
(E) પ્રયત્ન કરવો નથી
22. વેણીમાં ગૂઢ થવા તા કુસુમ તરી રહ્યાં અર્પણા અંજલિથી -
કયો છે? છે?
(A) મનહર (B) હરિગીત
(C) સવૈયા (D) સ્વગ્ધરા
(E) પ્રયત્ન કરવો નથી
23. સુષમાનો સંધિવિગ્રહ શું થશે?
(A) સુ + સમા (B) સ્ + ઉષ્મા
(C) સુ + ઉષ્મા (D) સુ + ધમા
(E) પ્રયત્ન કરવો નથી
24. માટીનાં વાસણનો તૂટેલો નાનકડો ટુકડો
(A) માટીનો પત્થર (B) માટીતૂટ
(C) ઢેખાળો (D) ઠીકરી
(E) પ્રયત્ન કરવો નથી
25. અલંકાર ઓળખાવો અખા જ્ઞાની ભવથી કેમ ડરે -, જેની
અનુભવ આંખ આકાશે ફરે.
(A) અંત્યાનુપ્રાસ, વર્ણાનુપ્રાસ અને રૂપક (B) રૂપક, શ્લેષ અને ઉપમા
(C) ઉપમા, યમક અને શબ્દાનુપ્રાસ (D) શ્લેષ, વર્ણાનુપ્રાસ અને વ્યતિરેક
(E) પ્રયત્ન કરવો નથી
26. નીચેનામાંથી કયો દ્રવ્ય સમાસ નથી?
(A) ઠામઠેકાણું (B) ધીરગંભીર
(C) લીલોપીળો (D) પર્વતખેડુ
(E) પ્રયત્ન કરવો નથી
27. સંયોજકને પરંપરાગત રીતે કયા નામે ઓળખવામાં આવે છે?
(A) ઉભયાન્વયી (B) અવ્યય
(C) નિપાત (D) કારક
(E) પ્રયત્ન કરવો નથી
28. સુલોચના ને શિર અંધ સ્વામી કયો છે? છે -?
(A) તોટક (B) ભુજંગી
(C) ઇન્દ્રવજ્રા (D) ઉપેન્દ્રવજ્રા
(E) પ્રયત્ન કરવો નથી
29. આકાશે સંઘ્યા ખીલતી માથે સાતમ કેરો ચાંદ
(A) પૃથ્વી (B) સવૈયા
(C) શિખરિણી (D) માલિની
(E) પ્રયત્ન કરવો નથી
30. તોફાની છોકરા કોને ગમે? રેખાંકિત શબ્દ ઓળખાવો.
(A) ગુણવાચક વિશેષણ (B) પરિમાણવાચક વિશેષણ
(C) દર્શક વિશેષણ (D) સાપેક્ષ વિશેષણ
(E) પ્રયત્ન કરવો નથી
31. All of the following drugs are considered as NSAIDs except?
(A) Indomethacin (B) Corticosteroids
(C) Ibuprofen (D) Diclofenac
(E) Not Attempted
32. The DPO (Drug Price Control Order) was exercised by central government in:
(A) 1985 (B) 1995
(C) 1987 (D) 1997
(E) Not Attempted
33. Insulin is released by?
(A) α cells of pancreas (B) Para-follicular cells of thyroid
(C) β cells of pancreas (D) posterior pituitary
(E) Not Attempted



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34. The protein-DNA complex in higher organisms is called:
(A) Tranferrin (B) Chromatin
(C) Interferon (D) Dystrophin
(E) Not Attempted
35. An example of sulfonyl urea is :
(A) Metformin (B) Tolbutamide
(C) Rosiglitazone (D) Repaglinide
(E) Not Attempted
36. Which of the following steroids can be administered by inhalation?
(A) Beclomethasone (B) Prednisolone
(C) Betamethasone (D) Hydrocortisone
(E) Not Attempted
37. Passive immunity is obtained by injecting:
(A) Antiserum (B) Antigens
(C) Vaccines (D) Antibodies
(E) Not Attempted
38. Crystalluria is the side effect associated with:
(A) Quinolones (B) Azoles
(C) Sulphonamides (D) Taxol
(E) Not Attempted
39. Following drug is used for the treatment of glaucoma?
(A) Timolol (B) Atropine
(C) Naphazoline (D) Cyclopentolate
(E) Not Attempted
40. A naturally occurring carminative is:
(A) Asafoetida (B) Asoka
(C) Arjuna (D) Agar
(E) Not Attempted
41. Deglutition is a term related to :
(A) Churning (B) Swallowing
(C) Chewing (D) Biting
(E) Not Attempted
42. A deficiency in the activity of sphingomyelinase enzyme leads to :
(A) Niemann-pick disease (B) Jacob's disease
(C) Krabbe's disease (D) Gaucher's disease
(E) Not Attempted
43. Bronchospasm produced by histamine is antagonized by adrenaline is an example of
(A) Chemical antagonism (B) Physiological antagonism
(C) Physical antagonism (D) receptor mediated antagonism
(E) Not Attempted
44. A pharmacy professional should be
(A) Incapable of lateral thinking (B) Not approachable
(C) Unavailable (D) Observant
(E) Not Attempted
45. Phenobarbitone is a
(A) Sedative (B) Antitussive
(C) Antipsychotic (D) Anxiolytic
(E) Not Attempted
46. "Wow! This is so beautiful." Jacob said.
(A) Jacob was surprised to see how beautiful it was. (B) Jacob said how beautiful it was.
(C) Jacob exclaimed with amazement that that was so beautiful. (D) Jacob exclaimed with amazement that it was so beautiful.
(E) Not Attempted
47. The teacher and the students _____ arrived.
(A) has (B) have
(C) will (D) are
(E) Not Attempted
48. My goals' list _____ pretty long.
(A) has (B) have
(C) are (D) is
(E) Not Attempted
49. "Don't make noise in the library." the librarian said.
(A) The librarian said not to make noise in the library. (B) The librarian ordered me not to make noise in the library.
(C) The librarian said to be quiet while in the library. (D) The librarian asks me to not make any noise.
(E) Not Attempted





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50. We _____ apologised if we had been at fault.
(A) could have (B) should have
(C) ought to have (D) would have
(E) Not Attempted
51. He said, "How much is left to do?"
(A) He asked how much had been left to do. (B) He asked how much had been left to be done.
(C) He asked how much was left to be done. (D) He asked how much was still left.
(E) Not Attempted
52. I have never read _____ monthly magazine of TOI.
(A) the (B) a
(C) any (D) every
(E) Not Attempted
53. Rahul and his friends _____ also invited to the party.
(A) is (B) was
(C) had (D) were
(E) Not Attempted
54. _____ I talk to the manager?
(A) Might (B) May
(C) Could (D) Shall
(E) Not Attempted
55. He seems dangerous. We _____ talk to him.
(A) would not (B) might not
(C) should not (D) could not
(E) Not Attempted
56. The Keller-Killiani test is specific for:
(A) Cascarside (B) Prunasin
(C) Linamarin (D) Digitoxose
(E) Not Attempted
57. NSAIDs are used in all except
(A) As analgesic (B) Rheumatoid arthritis
(C) peptic ulcer (D) osteoarthritis
(E) Not Attempted
58. In zero order kinetic:
(A) A constant fraction of drug is eliminated in unit time (B) No drug is eliminated from the body
(C) A constant amount of drug is eliminated in unit time (D) None of the above
(E) Not Attempted
59. Senna belongs to the family of:
(A) Leguminosae (B) Burseraceae
(C) Rhamnaceae (D) Scrophulariaceae
(E) Not Attempted
60. All of the following are anti-helminthic drugs except?
(A) Albendazole (B) Ivermectine
(C) Metronidazole (D) Diethylcarbamazine
(E) Not Attempted
61. The most dangerous effect of antiseizure drugs after large overdoses is
(A) Respiratory depression (B) Gastrointestinal irritation
(C) Alopecia (D) Sedation
(E) Not Attempted
62. A crude drug used as cardiotoxic:
(A) Dhatura (B) Cinchona
(C) Ephedra (D) Ergot
(E) Not Attempted
63. Penalty for non-disclosure of the name of the manufacturer is:
(A) Rs10,000 (B) Rs. 2,000
(C) Rs. 1,000 (D) Rs. 500
(E) Not Attempted
64. All are uses of antihistaminics except?
(A) urticaria (B) pruritis
(C) motion sickness (D) glaucoma
(E) Not Attempted
65. The presence of pathogenic Bacteria in blood is called:
(A) Toxemia (B) Septicemia
(C) Bacteremia (D) Anemia
(E) Not Attempted





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66. Cytochrome P450, the drug metabolizing enzyme is present in?
(A) Cell membrane (B) rough endoplasmic reticulum
(C) Smooth endoplasmic reticulum (D) nucleus
(E) Not Attempted
67. Vitamin tablets are generally formulated as:
(A) Hypodermic Tablets (B) Sublingual Tablets
(C) Effervescent Tablets (D) Chewable Tablets
(E) Not Attempted
68. The Ultra short acting barbiturate is?
(A) Phenobarbitone (B) Secobarbitone
(C) Thiopentone (D) Pentobarbitone
(E) Not Attempted
69. One among the following is a communicable disease :
(A) Cancer (B) Diabetes
(C) Hypertension (D) Filariasis
(E) Not Attempted
70. Widal Test is used for the diagnosis of:
(A) Typhoid (B) AIDS
(C) Jaundice (D) Meningitis
(E) Not Attempted
- Which of the following is not a catecholamine?
(A) adrenaline (B) phenylephrine
(C) nor adrenaline (D) dopamine
(E) Not Attempted
- Dapsone is used for the therapy of
(A) Tuberculosis (B) Amoebicide
(C) Leprosy (D) Helminthiasis
(E) Not Attempted
- Nicotinic receptor is a:
(A) G-protein-coupled receptor (B) Ligand-gated cation channel
(C) Nuclear receptor (D) Tyrosine kinase receptor
(E) Not Attempted
- Drug of choice for anaphylactic shock is?
(A) antihistaminic (B) adrenaline
(C) glucocorticoids (D) dopamine
(E) Not Attempted

75. The heteroatoms present in phenothiazine are:
(A) Oxygen and Nitrogen (B) Sulphur and Nitrogen
(C) Oxygen and Sulphur (D) Nitrogen and Nitrogen
(E) Not Attempted
76. રબરના ઉત્પાદનમાં ભારત વિશ્વમાં કયા સ્થાને છે?
(A) ત્રીજા (B) ચોથા
(C) પાંચમાં (D) પ્રથમ
(E) પ્રયત્ન કરવો નથી
77. નીચેનામાંથી કયું જોડકું ખોટું છે? તે શોધીને ઉત્તર લખો.
(A) ઉત્તરનાં મેદાનો- જમીન કાંપની (B) દ્વીપકલ્પીય ઉચ્ચપ્રદેશકાળી - જમીન
(C) મેઘાલય, અરુણાચલ પ્રદેશપહાડી જમીન- આંધ્રપ્રદેશપડખાઉ - જમીન
(D) ગોવા, તમિલનાડુ, જમીન
(E) પ્રયત્ન કરવો નથી
78. ગુજરાતમાંથી રાષ્ટ્રીય ધોરીમાર્ગ પસાર થાય તેમાંથી નીચે આપેલ કયો ધોરીમાર્ગ ખોટો છે?
(A) રાષ્ટ્રીય ધોરીમાર્ગ નં. 8 (B) રાષ્ટ્રીય ધોરીમાર્ગ નં. 15
(C) રાષ્ટ્રીય ધોરીમાર્ગ નં. 8બી (D) રાષ્ટ્રીય ધોરીમાર્ગ નં. 3
(E) પ્રયત્ન કરવો નથી
79. નીચેનામાંથી એક જોડકું ખોટું છે તે શોધીને લખો.
(A) મધ્યપ્રદેશકાન્હા- (B) કેરળમદુમલાઈ-
(C) અસમમાનસ- (D) ઉત્તરપ્રદેશચંદ્રપ્રભા-
(E) પ્રયત્ન કરવો નથી



80. નીચેનામાંથી ગયા દેશને ભષ્ટાચાર લાગુ પડતો નથી?
(A) ડેનમાર્ક (B) ભારત
(C) સિંગાપુર (D) અમેરિકા
(E) પ્રયત્ન કરવો નથી
81. ગુપ્તયુગના કયા ખગોળશાસ્ત્રીએ પૃથ્વી પોતાની ધરી પર ફરે છે તે સાબિત કર્યું હતું?
(A) સુશ્રુત (B) આર્યભટ્ટ
(C) બ્રહ્મગુપ્ત (D) વાગભટ્ટ
(E) પ્રયત્ન કરવો નથી
82. ગ્રાહક અધિકારોની ધોષણા કઈ સાલમાં કરવામાં આવી હતી?
(A) ૧૯૬૨ .સ.માં (B) ૧૯૭૨ .સ.માં
(C) ૧૯૪૭ .સ.માં (D) ૧૯૬૮ .સ.માં
(E) પ્રયત્ન કરવો નથી
83. ભારતનું કયું રાજ્ય બાજરીના ઉત્પાદનમાં મોખરે છે?
(A) રાજસ્થાન (B) મધ્યપ્રદેશ
(C) ગુજરાત (D) મહારાષ્ટ્ર
(E) પ્રયત્ન કરવો નથી
84. ભારતમાં જળ સંસાધનોનો સૌથી વધુ ઉપયોગ કયા ક્ષેત્રમાં થાય છે?
(A) મકાન બાંધકામ (B) ઉદ્યોગ
(C) ઘર વપરાશ (D) સિંચાઈ
(E) પ્રયત્ન કરવો નથી
85. હુમાયુનો મકબરો કયા શહેરમાં આવેલો છે?
(A) આગરા (B) ભોપાલ
(C) દિલ્લી (D) નાગાલેન્ડ
(E) પ્રયત્ન કરવો નથી

86. The Drugs and Cosmetic Act was passed in
(A) 1940 (B) 1945
(C) 1947 (D) 1946
(E) Not Attempted
87. The pathogenic organism in milk is killed by :
(A) Tyndalization (B) Pasteurization
(C) Autoclaving (D) Dry Heat Sterilization
(E) Not Attempted
88. Following agent is contraindicated in pregnant female presenting with CHF?
(A) Thiazide diuretics (B) Vasodilators
(C) ACE inhibitors (D) Cardiac glycosides
(E) Not Attempted
89. Trench fever is a
(A) Bacterial disease (B) Protozoal disease
(C) Viral disease (D) Rickettsial disease
(E) Not Attempted
90. The natural alkaloid used in the treatment of gout is :
(A) Cinchicine (B) Colchicine
(C) Reserpine (D) Emetine
(E) Not Attempted
91. In the pediatric dose calculation, children in the first twenty days of birth comes under the class of
(A) Infant (B) Child
(C) Neonatal (D) Just born
(E) Not Attempted
92. Sterols belongs to the class of :
(A) Lipids (B) Waxes
(C) Carbohydrates (D) Proteins
(E) Not Attempted
93. Which of the following drugs is useful in the treatment of Parkinson's disease ?
(A) Bzotropine (B) Edrophonium
(C) Succinylcholine (D) Hexamethorium
(E) Not Attempted
94. Major neurotransmitter in parasympathetic system is
(A) nor-adrenaline (B) acetylcholine
(C) adrenaline (D) dopamine
(E) Not Attempted
95. Ancylostomata duodenal is a:
(A) Nematode (B) Amoeba
(C) Protozoan (D) Fungus
(E) Not Attempted





Please read the instructions carefully before attending the Question paper. All Questions are compulsory.

Paper Series

C

Questions : 100

Max Marks: 100

Date: 17 Dec. '23

Duration : 90

96. Ranitidine is a :
 (A) H₂ antagonist
 (C) Beta adrenergic antagonist
 (E) Not Attempted
 (B) H₁ antagonist
 (D) Alpha adrenergic antagonist
97. The condensation of chromatin and shrinkage of the nucleus leading to cell death is termed as :
 (A) Karyorrhexis
 (C) Karyolysis
 (E) Not Attempted
 (B) Pyknosis
 (D) Autophagy
98. The price that equates market supply and market demand is called:
 (A) Market clearing price
 (B) Market restoring price
 (C) Market depreciating price
 (D) Market elastic price
 (E) Not Attempted

Indicate the drug that induces Parkinsonian syndromes

- (A) Chlorpromazine
 (C) Triazolam
 (E) Not Attempted
 (B) Diazepam
 (D) Carbamazepine

Spherical shaped bacteria are termed as:

- (A) Bacilli
 (C) Spirochaetes
 (E) Not Attempted
 (B) Cocci
 (D) Vibrios

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