



RRB PHARMACIST

MODEL PAPER -85

2024

TIME:-
9 P.M

40 QUESTIONS

WITH DETAILED EXPLANATION

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SUBJECT -
MODEL PAPER DISCUSSION





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ICONS PAR CLICK KARE**





1. The reaction between an acid and a base to give a salt and water is known as a reaction

- (a) Nucleophilic
- (b) Double decomposition
- (c) Combustion
- (d) Neutralization





1. The reaction between an acid and a base to give a salt and water is known as a reaction

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2. A document or set of documents that serve as a basis for the batch documentation is called as

- (a) Master Formula
- (b) Calibration
- (c) Master Record
- (d) Consignment





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- (b) Calibration
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3. Synonym for Indian squill is

- (a) Arrow poison
- (b) Sea Onion
- (c) Liquorice root
- (d) Yam





3. Synonym for Indian squill is

(a) Arrow poison

(b) Sea Onion

(c) Liquorice root

(d) Yam





4. Buffers are added in the sterile products to maintain -

- (a) Viscosity
- (b) Isotonicity
- (c) Sterility
- (d) pH





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- (a) Viscosity
- (b) Isotonicity
- (c) Sterility
- (d) pH**





5. Chapter - III of Drugs and Cosmetics Act 1940 and Rules 1945 gives information about

- (a) Drugs technical advisory board
- (b) Manufacture, sale and distribution of drugs and cosmetics
- (c) Import of drug and cosmetics
- (d) Provisions relating to Ayurvedic, Siddha and Unani drugs





5. Chapter - III of Drugs and Cosmetics Act 1940 and Rules 1945 gives information about

- (a) Drugs technical advisory board
- (b) Manufacture, sale and distribution of drugs and cosmetics
- (c) Import of drug and cosmetics**
- (d) Provisions relating to Ayurvedic, Siddha and Unani drugs





6. "Capsid" is present in

- (a) Fungi
- (b) Virus
- (c) Bacteria
- (d) Protozoa





6. "Capsid" is present in

(a) Fungi

(b) Virus

(c) Bacteria

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7. Estimation of serum creatinine is considered to be a more reliable indicator for the evaluation of

- (a) Liver function
- (b) Kidney function
- (c) Lung function
- (d) Gastric function





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(a) Liver function

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8. Erection of rat tail is observed by, after administration of

- (a) Non-Opioid analgesic drug
- (b) COX-1 inhibitors
- (c) Opioid analgesic drug
- (d) COX-2 inhibitors





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- (b) COX-1 inhibitors
- (c) Opioid analgesic drug**
- (d) COX-2 inhibitors





9. Sodium bi carbonate is commonly known as

- (a) Caustic soda
- (b) Rochelle salt
- (c) Baking Soda
- (d) Epsom salt





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- (a) Caustic soda
- (b) Rochelle salt
- (c) Baking Soda**
- (d) Epsom salt





10. _____ is the synthetic polymer

- (a) Caprolactone
- (b) Gliadin
- (c) Pullulan
- (d) Chitosan





10. _____ is the synthetic polymer

(a) Caprolactone

(b) Gliadin

(c) Pullulan

(d) Chitosan



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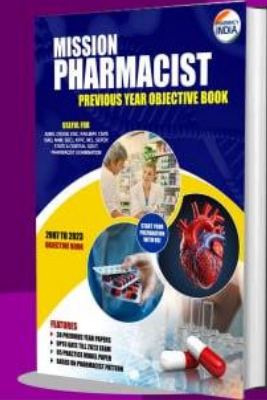
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11. "Brownian motion" is observed if the particle size is reduced to

- (a) 6 microns
- (b) 8 microns
- (c) 2 microns
- (d) 4 microns





11. "Brownian motion" is observed if the particle size is reduced to

- (a) 6 microns
- (b) 8 microns
- (c) 2 microns**
- (d) 4 microns





12. Heterocyclic compounds are

- (a) Alicyclic compounds
- (b) Cyclic compounds
- (c) Open chain compounds
- (d) Non cyclic compounds





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- (b) Cyclic compounds
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- (d) Non cyclic compounds





13. Which one of the following is the basic chemical test to identify anthracene glycosides in Aloes?

- (a) Modified Bontrager test
- (b) Keller Killiani test
- (c) Borntrager test
- (d) Legal test





13. Which one of the following is the basic chemical test to identify anthracene glycosides in Aloes?

- (a) Modified Bontrager test**
- (b) Killer Killiani test
- (c) Borntrager test
- (d) Legal test





14. For the preparation of Cod liver oil emulsion, the ratio of oil: water: gum required is

- (a) 02:02:01
- (b) 04:02:01
- (c) 01:02:01
- (d) 03:02:01





14. For the preparation of Cod liver oil emulsion, the ratio of oil: water: gum required is

(a) 02:02:01

(b) 04:02:01

(c) 01:02:01

(d) 03:02:01





15. By which bond, amino acids are joined together?

- (a) Dipole-Dipole
- (b) Ionic
- (c) Hydrogen
- (d) Attrition





15. By which bond, amino acids are joined together?

(a) Dipole-Dipole

(b) Ionic

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(d) Attrition





16. "Hammer mill" works on the principle of

- (a) Cutting
- (b) Impact
- (c) Compression
- (d) Attrition





16. "Hammer mill" works on the principle of

(a) Cutting

(b) Impact

(c) Compression

(d) Attrition





17. Heterocyclic compounds are

- (a) Alicyclic compounds
- (b) Cyclic compounds**
- (c) Open chain compounds
- (d) Non cyclic compounds





18. Under which Schedule "Good Manufacturing practices of Ayurveda, Siddha and for all Unani drugs" are described?

- (a) Schedule - Z
- (b) Schedule -T
- (c) Schedule-S
- (d) Schedule -M





18. Under which Schedule "Good Manufacturing practices of Ayurveda, Siddha and for all Unani drugs" are described?

(a) Schedule - Z

(b) Schedule -T

(c) Schedule-S

(d) Schedule -M





19. Dehydration of alcohols lead to the formation of

- (a) Alcohol
- (b) Ether
- (c) Ester
- (d) Aldehyde





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(a) Alcohol

(b) Ether

(c) Ester

(d) Aldehyde





20. In HPLC, while supplying mobile phase by mechanical pump, which device is required to smooth out the pulses?

- (a) Injection
- (b) Gauze
- (c) Temperature
- (d) Damping





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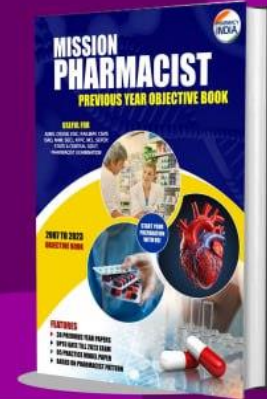
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21. Calcitonin is secreted by

- (a) Parathyroid
- (b) Adrenals
- (c) Thymus
- (d) Thyroid





21. Calcitonin is secreted by

- (a) Parathyroid
- (b) Adrenals
- (c) Thymus
- (d) Thyroid**





22. How much temperature should be maintained during moist heat sterilization?

- (a) 151°C
- (b) 91°C
- (c) 121°C
- (d) 181°C





22. How much temperature should be maintained during moist heat sterilization?

- (a) 151°C
- (b) 91°C
- (c) 121°C**
- (d) 181°C





23. "Liquid membrane systems" are also called as

- (a) Aquasomes
- (b) Nanocapsules
- (c) Multiple emulsions
- (d) Virosomes





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- (a) Aquasomes
- (b) Nanocapsules
- (c) Multiple emulsions**
- (d) Virosomes





24. Sigma minus method is used to determine

- (a) Metabolic rate constant
- (b) Absorption rate constant
- (c) Excretion rate constant
- (d) Elimination rate constant





24. Sigma minus method is used to determine

- (a) Metabolic rate constant
- (b) Absorption rate constant
- (c) Excretion rate constant
- (d) Elimination rate constant**





25. B.C.G Vaccine is a bovine strain of

- (a) Mycobacterium tuberculosis
- (b) Salmonella typhi
- (c) Hepatitis virus
- (d) Parainfluenza virus





25. B.C.G Vaccine is a bovine strain of

(a) *Mycobacterium tuberculosis*

(b) *Salmonella typhi*

(c) Hepatitis virus

(d) Parainfluenza virus





26. In Differential Thermal analysis, a record is made of the

- (a) Energy inputs
- (b) Moisture difference
- (c) Temperature difference
- (d) Mass difference





26. In Differential Thermal analysis, a record is made of the

- (a) Energy inputs
- (b) Moisture difference
- (c) Temperature difference**
- (d) Mass difference





27. A test which measures the ability of a compound to diminish the concentration of sugar in the blood is

- (a) Hyperglycemic test
- (b) Glucose tolerance test
- (c) Liver function test
- (d) Hypoglycemic test





27. A test which measures the ability of a compound to diminish the concentration of sugar in the blood is

- (a) Hyperglycemic test
- (b) Glucose tolerance test
- (c) Liver function test
- (d) Hypoglycemic test**





28. "Spreading coefficient" is a factor to be considered in the preparation of

- (a) Lotions
- (b) Elixirs
- (c) Ointment
- (d) Solutions





28. "Spreading coefficient" is a factor to be considered in the preparation of

- (a) Lotions**
- (b) Elixirs
- (c) Ointment
- (d) Solutions





29. Which type of major volatile compound is contained in cinnamon?

- (a) Ketone compound
- (b) Phenolic compound
- (c) Ester compound
- (d) Aldehyde Compound





29. Which type of major volatile compound is contained in cinnamon?

- (a) Ketone compound
- (b) Phenolic compound
- (c) Ester compound
- (d) Aldehyde Compound**





30. Electro Reducible substances can be determined

by

- (a) Amperometry
- (b) Potentiometry
- (c) Calorimetry
- (d) Conductometry





30. Electro Reducible substances can be determined

by

(a) Amperometry

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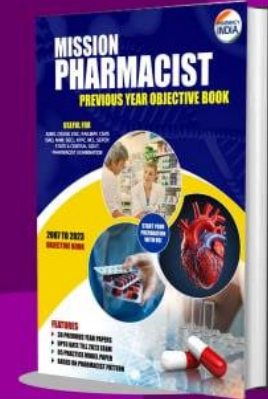
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31. "Astrocytes" are present in

- (a) Blood cerebrospinal fluid barrier
- (b) Blood placental barrier
- (c) Blood brain barrier
- (d) Cell membrane barrier





31. "Astrocytes" are present in

- (a) Blood cerebrospinal fluid barrier
- (b) Blood placental barrier
- (c) Blood brain barrier**
- (d) Cell membrane barrier





32. Absorption of IR radiation by molecules cause changes in

- (a) Vibrational energy
- (b) Spin reversal of nuclei
- (c) Rotational energy
- (d) electronic energy





32. Absorption of IR radiation by molecules cause changes in

(a) Vibrational energy

(b) Spin reversal of nuclei

(c) Rotational energy

(d) electronic energy





33. An internal device which can be used to store information is

- (a) Floppy disk
- (b) CD
- (c) USB flash drive
- (d) Hard drive





33. An internal device which can be used to store information is

- (a) Floppy disk
- (b) CD
- (c) USB flash drive
- (d) Hard drive**





34. Aspirin should be used with caution in

- (a) Fever
- (b) Asthma
- (c) Headache
- (d) Tachycardia





34. Aspirin should be used with caution in

- (a) Fever
- (b) Asthma**
- (c) Headache
- (d) Tachycardia





35. Lignans are the constituents of

- (a) Pomegranate
- (b) Lycopene
- (c) Soy
- (d) Flax seed





35. Lignans are the constituents of

- (a) Pomegranate
- (b) Lycopene
- (c) Soy
- (d) Flax seed**





36. Absorption of radiation can be measured by using

- (a) Flame Photometry
- (b) Voltammetry
- (c) Spectrophotometry
- (d) Polarimetry





36. Absorption of radiation can be measured by using

- (a) Flame Photometry
- (b) Voltammetry
- (c) Spectrophotometry**
- (d) Polarimetry





37. Liquid oral preparations of which one or two large doses of about 50ml are given in a single dose container is known as

- (a) Linctuses
- (b) Tinctures
- (c) Draughts
- (d) Drops





37. Liquid oral preparations of which one or two large doses of about 50ml are given in a single dose container is known as

- (a) Linctuses
- (b) Tinctures
- (c) Draughts**
- (d) Drops





38. Apparent bulk density is expressed in terms of

- (a) ml/g
- (b) %
- (c) g/ml
- (d) °C





38. Apparent bulk density is expressed in terms of

(a) ml/g

(b) %

(c) g/ml

(d) °C





39. Small-pox vaccine is a

- (a) Bacterial vaccine
- (b) Toxoid
- (c) Antiserum
- (d) Viral vaccine





39. Small-pox vaccine is a

- (a) Bacterial vaccine
- (b) Toxoid
- (c) Antiserum
- (d) Viral vaccine**





40. What compound is present in Ashwagandha?

- (a) Steroidal Glycosides
- (b) Steroidal lactone
- (c) Terpenoid glycoside
- (d) Terpenoid alkaloids





40. What compound is present in Ashwagandha?

(a) Steroidal Glycosides

(b) Steroidal lactone

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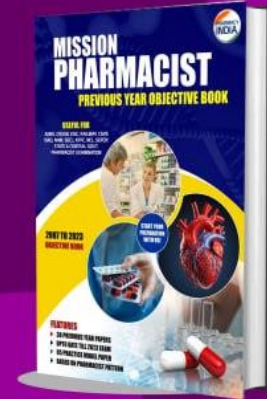
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