



# RRB PHARMACIST

2024

MODEL PAPER -79

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40 QUESTIONS

WITH DETAILED EXPLANATION



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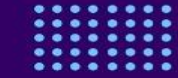
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# 1. Physotigmine act as a cholinergic drug by

- (a) Directly binding with nicotinic receptors
- (b) Binding with Muscarinic receptors
- (c) Inhibiting cholinesterase enzyme
- (d) Bind with B1 receptors





# 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*







## 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 steroidal antinflammatory agent

- (a) CNS toxicity
- (b) Gastro intestinal toxicity
- (c) Ardiac toxicity
- (d) Skin rashes



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## 4. Epinephrine is not used in

- (a) Bronchospasm
- (b) Hypertension
- (c) Hypertensitivity reaction
- (d) Increased intra ocular pressure





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- (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



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- (a) Phenobarbitone
- (b) Secobarbital
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6. A highly selective cox-2 inhibitor is

- (a) Tenoxicam
- (b) Ketoprofen
- (c) Celecoxib
- (d) ketorolac





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



## 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



**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



## 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





## 10. Antibiotic which is used as a cytotoxic agent is

- (a) Piperacillin
- (b) Ampicillin
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- (d) Actinomycin D



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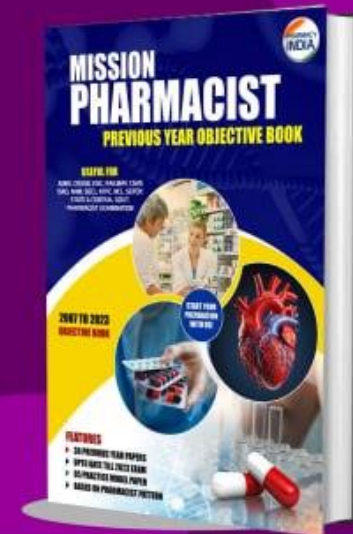
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## 11. *Colchicum autumnale* belongs to the family

- (a) Liliaceae
- (b) Rutaceae
- (c) Moringaceae
- (d) Rhamnaceae





# 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



## 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





## 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



## 14. Type of emulsion may be determined by

- (a) Leakage test
- (b) Conductivity test
- (c) Toxicity test
- (d) Bubble point test





**15. Drugs colored 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



**15. Drugs colored 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



## 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







## 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
- (c) Antibiotics
- (d) Heptane





**18. The foreign bodies which are present in our body are collectively called as**

- (a) Xenobiotics
- (b) Probiotics
- (c) Antibiotics
- (d) Heptane





## 19. Primrose leaves is an adulterant of

- (a) Datura
- (b) Digitalis
- (c) Senna
- (d) Belladonna



## 19. Primrose leaves is an adulterant of

- (a) Datura
- (b) Digitalis
- (c) Senna
- (d) Belladonna



## 20. Anthraquinone glycosides are present in

- (a) Ispaghula
- (b) Endocrine
- (c) Aswagandha
- (d) Rhubarb



## 20. Anthraquinone glycosides are present in

- (a) Ispaghula
- (b) Endocrine
- (c) Aswagandha
- (d) Rhubarb



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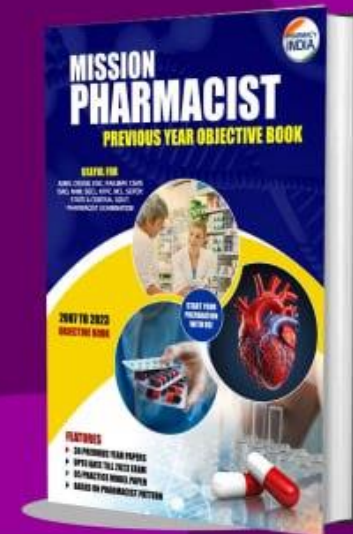
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## 21. Physically distinct forms of same enzyme are called

- (a) Isoenzyme
- (b) Co-enzyme
- (c) Apoenzyme
- (d) Holoenzyme



## 21. Physically distinct forms of same enzyme are called

- (a) Isoenzyme
- (b) Co-enzyme
- (c) Apoenzyme
- (d) Holoenzyme



## 22. Albinism is produced due to the defect in biosynthesis of

- (a) Tyrosine
- (b) Melanin
- (c) Valine
- (d) Isoleucine



## 22. Albinism is produced due to the defect in biosynthesis of

- (a) Tyrosine
- (b) Melanin**
- (c) Valine
- (d) Isoleucine





## 23. Diseases and ailments which drug may not purport to prevent or cure is included in

- (a) Schedule C1
- (b) Schedule G
- (c) Schedule J
- (d) Schedule M





## 23. Diseases and ailments which drug may not purport to prevent or cure is included in

- (a) Schedule C1
- (b) Schedule G
- (c) Schedule J**
- (d) Schedule M



**24. Which one among the following is classified as a diuretic drug?**

- (a) Punarnava
- (b) Ipecacunha
- (c) Cinchona
- (d) Liquorice





**24. Which one among the following is classified as a diuretic drug?**

- (a) Punarnava
- (b) Ipecacunha
- (c) Cinchona
- (d) Liquorice



**25. Total energy gained from one mol of glucose under aerobic condition is**

- (a) 8 ATP
- (b) 38 ATP
- (c) 12 ATP
- (d) 36 ATP



**25. Total energy gained from one mol of glucose under aerobic condition is**

- (a) 8 ATP
- (b) 38 ATP
- (c) 12 ATP
- (d) 36 ATP**



**26. Holding temperature for moist heat sterilization is**

**115-118°C for**

- (a) 30 minutes
- (b) 15 minutes
- (c) 0 minutes
- (d) 5 minutes



**26. Holding temperature for moist heat sterilization is**

**115-118°C for**

- (a) 30 minutes
- (b) 15 minutes**
- (c) 0 minutes
- (d) 5 minutes



## 27. Chemical test for opium is done to check the presence of

- (a) Ferulic acid
- (b) Eugenol
- (c) Meconic acid
- (d) Tartaric acid



## 27. Chemical test for opium is done to check the presence of

- (a) Ferulic acid
- (b) Eugenol
- (c) Meconic acid
- (d) Tartaric acid



**28. The immunity in which the body receives ready made antibody is called**

- (a) Active immunity
- (b) Passive immunity
- (c) Natural immunity
- (d) Innate immunity





**28. The immunity in which the body receives ready made antibody is called**

- (a) Active immunity
- (b) Passive immunity**
- (c) Natural immunity
- (d) Innate immunity



**29. Water which is free from volatile and non-volatile impurities, microorganisms and pyrogens is called**

- (a) Purified water
- (b) Potable water
- (c) Water for injection
- (d) Sterile water for injection



**29. Water which is free from volatile and non-volatile impurities, microorganisms and pyrogens is called**

- (a) Purified water
- (b) Potable water
- (c) Water for injection**
- (d) Sterile water for injection



**30. The process in which a solid gets directly converted into vapour is called**

- (a) Desiccation
- (b) Sublimation
- (c) Evaporation
- (d) Condensation



**30. The process in which a solid gets directly converted into vapour is called**

- (a) Desiccation
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- (c) Evaporation
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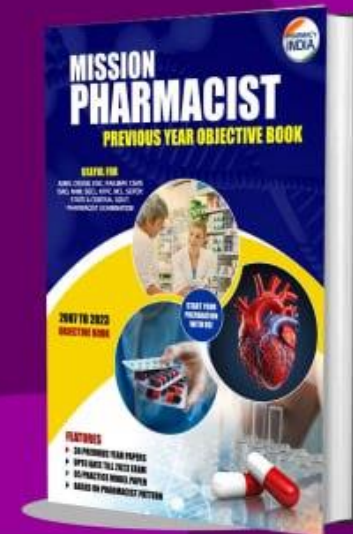
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**31. Adult dose of a drug is 240 mg calculated dose for a child of age of 12 years is**

- (a) 60 mg
- (b) 80 mg
- (c) 100 mg
- (d) 120 mg





**31. Adult dose of a drug is 240 mg calculated dose for a child of age of 12 years is**

- (a) 60 mg
- (b) 80 mg
- (c) 100 mg
- (d) 120 mg**



**32. When certain drugs administered repeatedly at short intervals decreased response is obtained is called**

- (a) Idiosyncrasy
- (b) Tolerance
- (c) Tachyphylaxis
- (d) Antagonism



**32. When certain drugs administered repeatedly at short intervals decreased response is obtained is called**

- (a) Idiosyncrasy
- (b) Tolerance
- (c) Tachyphylaxis**
- (d) Antagonism



### 33. Liquid or semi solid preparations applied with friction is called

- (a) Lotion
- (b) Ointment
- (c) Jelly
- (d) Liniment



## 33. Liquid or semi solid preparations applied with friction is called

- (a) Lotion
- (b) Ointment
- (c) Jelly
- (d) Liniment





## 34. 1:500 concentration of a drug means

- (a) 1 mg in 500 ml
- (b) 1 kg in 500 kg
- (c) 1 g in 500 ml
- (d) 1 g in 500 ml





## 34. 1:500 concentration of a drug means

- (a) 1 mg in 500 ml
- (b) 1 kg in 500 kg
- (c) 1 g in 500 ml
- (d) 1 g in 500 ml





**35. Person who wishes to manufacture of preparations containing alcohol or other narcotic substance is required to obtain license from**

- (a) Drugs inspector
- (b) Excise Commissioner
- (c) Drugs Controller
- (d) Director of Health services







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- (b) Excise Commissioner**
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- (d) Director of Health services



**36. The proportion of oil:water:gum in arachis oil emulsion is**

- (a) 421
- (b) 321
- (c) 221
- (d) 211



**36. The proportion of oil:water:gum in arachis oil emulsion is**

- (a) 421
- (b) 321
- (c) 221
- (d) 211





## 37. g. o. d means

- (a) Four times a day
- (b) Every other day
- (c) As needed
- (d) After meals





## 37. g. o. d means

- (a) Four times a day
- (b) Every other day
- (c) As needed
- (d) After meals



## 38. Superior and inferior vena cava enter

- (a) Right atrium
- (b) Left atrium
- (c) Right ventricle
- (d) Left ventricle



## 38. Superior and inferior vena cava enter

- (a) Right atrium
- (b) Left atrium
- (c) Right ventricle
- (d) Left ventricle



## 39. Rheumatoid arthritis is caused by

- (a) Mycobacterium tuberculosis
- (b) Deficiency of calcium
- (c) Uric acid crystals
- (d) Autoimmune disorder





## 39. Rheumatoid arthritis is caused by

- (a) Mycobacterium tuberculosis
- (b) Deficiency of calcium
- (c) Uric and crystals
- (d) Autoimmune disorder



## 40. Vasopressin is secreted by

- (a) Hypothalamus
- (b) Anterior pituitary
- (c) Posterior pituitary
- (d) Adrenal medulla



## 40. Vasopressin is secreted by

- (a) Hypothalamus
- (b) Anterior pituitary
- (c) Posterior pituitary
- (d) Adrenal medulla





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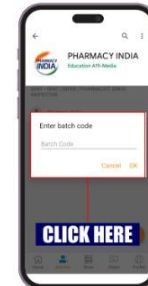
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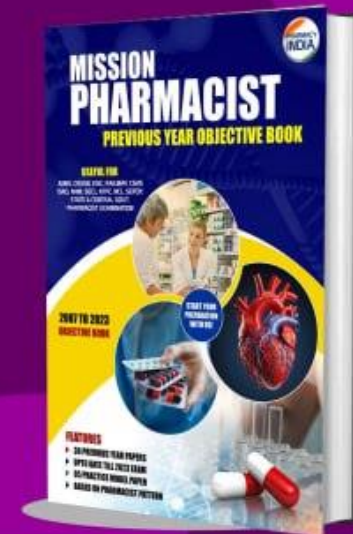
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