



**D. PHARMA**

**EXIT EXAM**

**AS PER PCI  
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# **PHARMACOLOGY MCQS**

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# PHARMACOLOGY MCQS | D. PHARMA EXIT EXAM

1. Which animal is used to study mitotic agents?

- (a) Rabbit
- (b) Guinea-pig
- (c) Frog
- (d) Rat

2. Ephedrine is used as

- (a) Mydriatic drug
- (b) Miotic drug
- (c) Laxative drug
- (d) Antacid

3. Which animal is used for pyrogen testing?

- (a) Rabbit
- (b) Guinea pig
- (c) Mouse
- (d) Frog

4. Which paper is used for recording of activity on recording drum?

- (a) Kymograph
- (b) Graph
- (c) Craft
- (d) White

5. Potassium dihydrogen phosphate constituent of

- (a) Krebs-henseleit solution
- (b) Frog's Ringer solution
- (c) Locke-ringer solution
- (d) De-Jalon's solution

6. What is the use of calcium chloride in physiological salt solution?

- (a) To provide contractility
- (b) To provide ionic balance
- (c) To stabilize preparation
- (d) To provide alkaline solution

7. Which physiological salt solution is used for experiment of isolated heart and rectus abdominus muscle preparation?

- (a) Frog's ringer solution
- (b) De-Jalon's solution
- (c) Locke-ringer solution
- (d) Krebs henseleit solution

8. What is the effect of adernaline on action potential?

- (a) It increases
- (b) It decreases
- (c) It stops
- (d) None of the above

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9. What is the use of adrenaline?

- (a) Treatment of bradycardia
- (b) Treatment of tachycardia
- (c) Treatment of uterine disorders
- (d) Treatment of kidney failure

10. Which adrenergic receptors is present in the heart?

- (a) Beta 1
- (b) Beta 2
- (c) Both a and b
- (d) M2

11. Acetylcholine is a

- (a) Cholinergic drug
- (b) Adrenergic drug
- (c) Sympathomimetic drug
- (d) Nicotinic drug

12. Which effect is given by Acetylcholine?

- (a) Negative Chronotropic effect
- (b) Adrenergic effect
- (c) Sympathomimetic effect
- (d) Nicotinic effect

13. What is the category of Rectus abdominus muscle?

- (a) Voluntary
- (b) Involuntary
- (c) Cardiac
- (d) Nervine

14. What is the effect of acetylcholine on rectus abdominus muscle of frog?

- (a) Contraction
- (b) Relaxation
- (c) Stimulation
- (d) Suppression

15. What is the effect of adrenaline on heart rate of frog?

- (a) Increases
- (b) Decreases
- (c) Stops
- (d) None of the above

16. What is the effect of acetylcholine on heart rate of frog?

- (a) Increases
- (b) Decreases
- (c) Stops

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(d) None

17. M2 receptors are present at which location?

- (a) Salivary glands
- (b) CNS
- (c) Exocrine gland
- (d) Smooth muscles

18. What is the function of intestine?

- (a) Digestion and absorption
- (b) Excretion
- (c) Respiration
- (d) Filtration

19. What category of the muscle the ileum of guinea pig belongs?

- (a) Voluntary muscle
- (b) Involuntary muscle
- (c) Cardiac muscle
- (d) None of these

20. Which animal's intestine is used to observe the effect of spasmogens?

- (a) Rabbit
- (b) Rat
- (c) Mouse
- (d) Frog

21. Which type of receptors are present in rabbit intestines?

- (a) Muscarinic receptors
- (b) Nicotinic receptors
- (c) Beta 1 receptors
- (d) Beta 2 receptors

22. Which type of effect is produced by xylocaine?

- (a) Local anesthesia
- (b) General anesthesia
- (c) Relaxation of heart
- (d) Stimulation of heart

23. In Toxicology

- (a) Effect of poisons is studied
- (b) Effect of drug is studied
- (c) Effect of additive is studied
- (d) Effect of excipients is studied

24. Increase in the size of pupil of eye means

- (a) Mydriasis
- (b) Miosis
- (c) Contraction of eye

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(d) Relaxation of eye

25. What is the effect of strychnine sulphate on spinal cord?

- (a) Stimulation
- (b) Depression
- (c) Contraction
- (d) Relaxation

26. Diazepam is a

- (a) Hypnotic drug
- (b) Sedative drug
- (c) Cardiotonic drug
- (d) Bronchodilator drug

27. Mephentermine is used as a

- (a) Cardiac stimulant
- (b) Antiamoebic
- (c) Antiulcer drug
- (d) Vasodilator

28. Water is called as a diuretic

- (a) Physiological
- (b) Loop
- (c) Thiazide
- (d) High ceiling

29. What is the dose of hydrochlorthiazide by oral route?

- (a) 25 - 100mg / d \* ay
- (b) 30-50 mg/d\*ay
- (c) 100 - 150mg / d \* ay
- (d) 150-250 mg /d\*ay

30. What is the dose of prednisolone for adults?

- (a) 10 - 60mg / d \* ay
- (b) 1 - 30mg / d \* ay
- (c) 30 - 80mg / d \* ay
- (d) 50 - 100mg / d \* ay

31. Streptomycin is used for the treatment of.....

- (a) tuberculosis
- (b) eye infection
- (c) heart diseases
- (d) kidney diseases

32. Amoebiasis is the infection occurring in

- (a) Intestine and liver
- (b) Intestine
- (c) Liver

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(d) Kidney

33. Ribavirin is an drug.....

- (a) Antiviral
- (b) Anticonvulsant
- (c) Antacid
- (d) Antiamoebic

34. Which of the following is obtained from vinca?

- (a) Vincristine
- (b) Neomycin
- (c) Azithromycin
- (d) Streptomycin

35. The maintenance dose of Thiopental sodium is.....mg/kg/hour

- (a) 3-5
- (b) 6-7
- (c) 7-8
- (d) 1-3

36. Levodopa always given in combination with.....

- (a) Carbidopa
- (b) Carbidopa and benztropine
- (c) Benztropine
- (d) Orphenadrine

37. Pimozide acts by blocking receptors.

- (a) D2
- (b) D1
- (c) HT1
- (d) HT2

38. Which drug is called as Largactil?

- (a) Chlorpromazine
- (b) Thioridazine
- (c) Fluphenazine
- (d) Olanzapine

39. Which drug is contraindicated in breast feeding mother?

- (a) Tetracycline
- (b) Paracetamol
- (c) Domperidone
- (d) Senna

40. Insulin is a.....

- (a) Polypeptide hormone
- (b) Neurotransmitter
- (c) Androgen

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(d) Receptor

41. Gastric acid is secreted by

- (a) Gastric gland
- (b) Pituitary gland
- (c) Pancreas
- (D) Liver

42. Roxatidine is a

- (a) Antiulcer drug
- (b) Laxative
- (c) Bronchodilator
- (D) Purgative

43. Quinidine is a class .....antiarrhythmic drug

- (A) I
- (b) II
- (c) III
- (D) IV

44. Labetalol is a

- (a) Alpha blocker
- (b) Beta blocker
- (c) D2 blocker
- (d) Alpha beta blocker

45. What is the adverse effect of folic acid?

- (a) Hypersensitivity reaction
- (b) Heart failure
- (c) Nausea
- (d) Vomiting

46. Heparin is an.....drug

- (a) Anticoagulant
- (b) Antiamoebic
- (c) Antiplatelet
- (d) Antiviral

47. What is the brand name of cetirizine?

- (a) Alerid
- (b) Levocet
- (c) Keflex
- (D) Amonil

48. Crocin is a brand name of

- (a) Paracetamol
- (b) Aspirin
- (c) Ibuprofen

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(d) Nimesulide

49. Cresol is a

- (a) Phenol derivative
- (B) Oxidizing agent
- (c) Anilide
- (D) Biguanide

50. What is the effect of strychnine sulphate on spinal cord?

- (a) Stimulation
- (b) Depression
- (c) Contraction
- (d) Relaxation

51. What is the effect of Digoxin on heart rate?

- (a) Increases
- (b) Decreases
- (c) Stops
- (d) None of these

52. Examples of antiseptics

- (a) Pioglitazone
- (b) Gliclazide
- (c) Tolbutamide
- (d) Boric acid

53. Examples of haematinics

- (a) Atenolol
- (b) Losartan
- (c) Folic acid
- (d) Methyldopa

54. Examples of miotic drug

- (a) Iron
- (b) Pilocarpine
- (c) Vit B12
- (d) Clonidine

55. Examples of analgesics

- (a) Meclozine
- (b) Paracetamol
- (c) Promethazine
- (D) Diphenhydramine

56. Examples of carminatives

- (a) Epinephrine
- (b) Phenylephrine
- (c) Oxymetazoline



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(d) Peppermint oil

57. Examples of disinfectants

(a) Formaldehyde

(b) Ginger tincture

(c) Cinchocaine

(d) Procaine

58. Examples of antiarrhythmic agents

(a) Quinidine

(B) Procainamide

(c) Propranolol

(d) All of the above

59. Examples of anthelmintics

(a) Pyrantel pamoate

(b) Lignocaine

(c) Phenytoin

(d) All of the above

60. Which of the following drug is used in Leukemia

(a) Mannitol

(b) Chlorambucil

(c) Acetazolamide

(d) Folic acid

61. Which of the given drug is used in treating Syphilis

(a) Physostigmine

(b) Timolol

(c) Tetracycline

(d) Pilocarpine

62. The drug used in treatment of Glaucoma is

(a) Betaxalol

(b) Doxycycline

(c) Penicillin

(d) Busulfan

63. Streptomycin has a side effect of

(a) Dry mouth

(b) Skin rash

(c) Sedation

(d) All of the above

64. Which of the following is a side effects of 9+

(a) Mental clouding

(b) Gastrointestinal upset

(c) Blurred vision

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(d) None of the above

65. Side effect of Phenformin

- (a) Anorexia
- (b) Euphoria
- (c) Addiction
- (d) Dermatitis

66. Morphine causes

- (a) Ototoxicity
- (b) Nephrotoxicity
- (c) Teratogenicity
- (d) Respiratory depression.

67. Adverse effect quinine sulfate

- (a) Stomach cramps
- (b) Skin rash
- (c) Mental depression
- (d) Weight gain

68. Adverse effect of streptomycin

- (a) Nightmares
- (b) Optic neuritis
- (c) Hypotension
- (d) Deafness

69. Symptoms of belladonna poisoning

- (a) Dryness of mouth
- (b) Increase in body temperature
- (c) Weak pulse
- (d) All of the above

70. Treatment of belladonna poisoning

- (a) The patient should be kept in dark quiet room
- (b) Cold sponging or ice bags are applied for reducing body temperature
- (c) Catheterization in case of urine retention
- (d) All of the above

71. Therapeutic use of griseofulvin

- (a) As nasal decongestants
- (b) As antifungal
- (c) Thrombolytic agent
- (d) As anthelmintic

72. Therapeutic uses of penicillin

- (a) Paroxysmal supraventricular tachycardia
- (b) Left ventricular failure
- (c) Useful in streptococcal, pneumococcal, staphylococcal infections.

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(d) Atrial flutter

73. Therapeutic uses of digitalis

- (a) Useful in treatment of venereal diseases like syphilis, gonorrhoea
- (b) Used in Meningitis, endocarditis, rheumatic heart condition
- (c) Useful in treatment of respiratory tract infections Pneumonia, Pharyngitis, Diphtheria etc
- (d) Congestive heart failure**

74. Advantages of oral route

- (a) Self-medication is possible
- (b) No complications
- (c) It is simple and most convenient
- (d) All of the above**

75. Advantages of Intravenous route of administration of drugs.

- (a) Useful in case of vomiting, diarrhea
- (b) Useful for unconscious or uncooperative patients
- (c) Provides rapid onset of action
- (d) All of the above**

76. Disadvantages of intravenous route of administration of drugs

- (a) The irritant and unpalatable drugs can't be given
- (b) Once injected, drugs can't be withdrawn**
- (c) Few drugs which cannot be absorbed from GIT are not given by this route
- (d) Drugs which get degraded in GIT can't be given

77. Uses of streptomycin

- (a) Antimalarial
- (b) Antihypertensive
- (c) Antibacterial agent**
- (d) None of the above

78. Uses of Reserpine

- (a) Antibiotic
- (b) Tranquilizer**
- (c) Meningitis Atropine
- (d) Dysentery

79. stropine

- (a) Nalorphine
- (b) Physostigmine**
- (c) Both a and b
- (d) None of the above

80. Organophosphorus compounds

- (a) Atropine sulphate
- (b) Pralidoxime

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- (c) Naloxone
- (d) Both b and c

81. Drug used in treatment of Grandmal epilepsy

- (a) Phenytoin
- (b) Clonazepam
- (c) Valporic acid
- (d) All of the above

82. Drugs used in treatment of myoclonic jerking

- (a) Diazepam
- (b) Ethosuximide
- (c) Phenobarbitone
- (d) Clonazepam

83. Drugs used in treatment of status epilepticus

- (a) Clonazepam
- (b) Diazepam
- (e) Phenobarbitone
- (d) None of the above

84. ADME process involved in

- (a) Pharmacodynamic
- (b) Pharmacokinetic
- (c) Pharmacotoxicology
- (d) Pharmacotherapeutics

85. Drugs that kill and inhibit the bacteria are called

- (a) Antifungal
- (c) Antibiotic
- (b) Antileprotic
- (d) Antiviral

86. Hydroxychloroquine is used in the treatment of

- (a) Leprosy
- (b) Malaria
- (c) Diabetes
- (d) AIDS

87. Antimetabolite drug is

- (a) Nystatin
- (b) Fluconazol
- (c) Fluorouracil (5FU)
- (d) Sulphonamide

88. The anaesthetic which is used intravenously is

- (a) Propofol
- (b) Haloethane

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- (c) Desfluran
- (d) Nitrous oxide

89. Most important mechanism of drug transport

- (a) Filtration
- (b) Active transport
- (c) **Passive diffusion**
- (d) Facilitated diffusion

90. Which of the benzodiazepine is used only as a sedative and hypnotic?

- (a) **Chlordiazepoxide**
- (b) Clorazepam
- (c) Diazepam
- (d) Flurazepam

91. Which Drug is used in the treatment of Glaucoma?

- (a) **Timalol**
- (b) Albendazole
- (c) Propranolol
- (d) All of the above

92. What is the effect of Digoxin on heart?

- (a) **Increases force of contraction**
- (b) Decreases force of contraction
- (c) Inhibits the activity of heart
- (d) Stops the activity of heart

93. Diazepam is a

- (a) **Hypnotic**
- (b) Sedative
- (c) Cardiotonic
- (d) Bronchodilator

94. Which action is produced by diazepam?

- (a) **Anticonvulsant**
- (b) Convulsant
- (c) Sedative
- (d) Laxative

95. What do you mean by pyrexia?

- (a) **Increase in body temperature**
- (b) Decrease in body temperature
- (c) Increase in heart rate
- (d) Decrease in heart rate

96. Which animal is used to do bioassay of digitalis?

- (a) **Guinea pig**
- (b) Mouse

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- (c) Frog
- (d) Rat

97. What is the dose of prednisolone?

- (a) 10-20 mg
- (b) 25-30 mg
- (c) 35-40 mg
- (d) 45-50 mg

98. Streptomycin is used for the treatment of

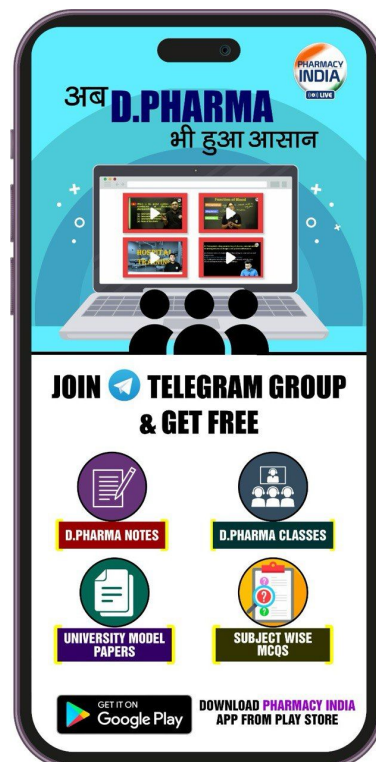
- (a) Tuberculosis
- (b) Eye infection.
- (c) Heart diseases
- (d) Kidney diseases

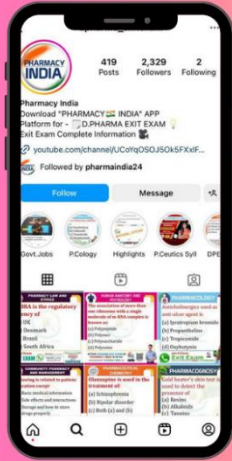
99. Examples of oral hypoglycemic agents

- (a) crystal violet
- (b) phenol
- (c) metformin
- (d) alcohol

100. Location of receptors for glucocorticoid hormones is

- (a) Nucleus
- (b) Cell membrane
- (c) Mitochondria
- (d) Cytoplasm



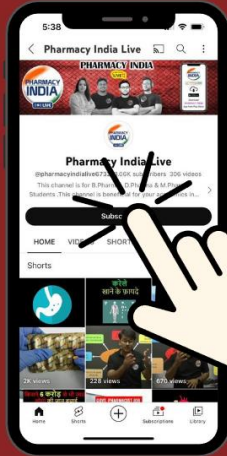


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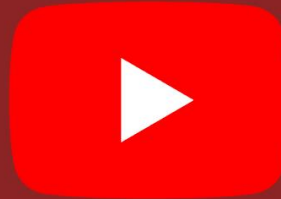


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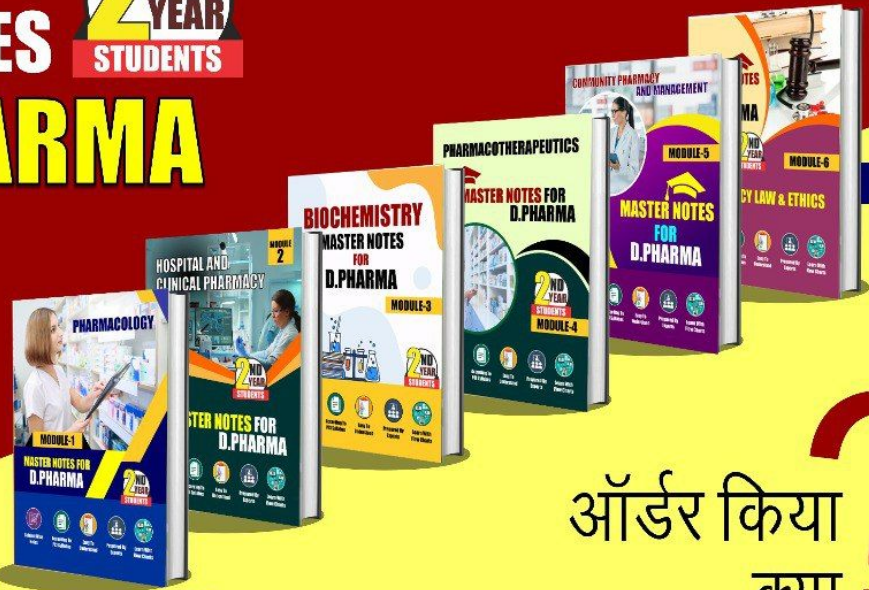
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