

Pharmacist Papers Prepared by [indiresult.in](http://indiresult.in)

1. Function of inverse agonist is
  - a) produce effect similar to agonist
  - b) Produce lesser Effect than agonist
  - c) Produce effect in opposite direction of agonist
  - d) Prevent action of an agonist
  
2. what is false about Type 4, delayed hypersensitivity reaction
  - a) takes more than 12 hours to develop
  - b) mediated through production of sensitized t lymphocytes
  - c) Steven Johnson Syndrome is an example of this type of reaction
  - d) rashes and fever occurs in type 4 reaction
  
3. Which of the following is false about autonomic nervous system
  - a) works in skeletal muscles
  - b) Acetylcholine and noradrenaline both are transmitters
  - c) no paralysis and atrophy involved
  - d) Do not function on the level of consciousness
  
4. Which of the following is alpha 1 adrenergic receptor selective antagonist
  - a) clonidine
  - b) prazosin
  - c) Salbutamol
  - d) phenylephrine
  
5. Beta- Imidazolyl ethylamine is
  - a) adrenaline
  - b) histidine
  - c) histamine
  - d) Atropine
  
6. Which of the following is anti-aggregatory
  - a) thromboxane's
  - b) prostacyclin
  - c) prostaglandins
  - d) all of the above

7. which of the following is selective cox-2 inhibitor
- aspirin
  - naproxen
  - Paracetamol
  - rofecoxib?
8. Identify the Uric acid synthesis inhibitor
- probenecid
  - diclofenac
  - colchicine
  - allopurinol
9. Which of the following is an opioid analgesic
- isoflurane
  - fentanyl
  - Kitamine
  - thiopentone sodium?
10. Which of the following is not a ultra-short acting Barbiturate
- Secobarbitone
  - thiopentone
  - methohexitone
  - Hexobarbitone
11. Which of the following is not true about captopril
- it lowers BP
  - acts by inhibiting angiotensin-converting enzyme
  - It can cause hyperkalemia in patients suffering from impaired renal function
  - captopril is a prodrug?
12. Sodium Potassium ATPase pump is inhibited by
- Digitalis
  - Aspirin
  - Corticosteroids
  - Theophylline
13. which of the following is used to terminate a heart attack?
- isosorbide dinitrate sublingual
  - glyceryl trinitrate GTN
  - both of the above
  - none of these
14. which of the following is not an antihypertensive drug?
- potassium sparing diuretics

- b) Methyldopa
- c) Ace inhibitors
- d) Clonazepam

15. identify the osmotic diuretic

- a) Chlorothiazide
- b) Furosemide
- c) Spironolactone
- d) Mannitol

16. Atorvastatin is a

- a) Sodium Potassium pump inhibitor
- b) prostaglandin synthesis inhibitors
- c) HMG c o a reductase inhibitor
- d) inhibitor of triglyceride synthesis

17. which of the following is not a third-generation oral cephalosporin?

- a) Cefixime
- b) cefuroxime
- c) Ceftibuten
- d) Cefpodoxime proxetil

18. Which antibiotic is associated with red man syndrome?

- a) Penicillin
- b) Chloroquine
- c) Tetracycline
- d) vancomycin

19. Which of the following is not used in treatment of Malaria?

- a) quinine
- b) Artemisinin derivatives
- c) Mebendazole
- d) proguanil

20. Which antimicrobials are associated with 8th cranial nerve toxicity?

- a) Chloramphenicol
- b) Aminoglycosides
- c) rifampin
- d) All of the above

21. Obligatory anaerobes

- a) do not require oxygen but can grow in its presence

- b) grow better in presence of oxygen
- c) do not tolerate Oxygen and die in its Presence
- d) go to hibernation in presence of oxygen

22. RW Coefficient test is used to evaluate

- a) antibiotic drugs activity
- b) bactericidal activity and potency of antiseptic and disinfectants
- c) stability of liquid formulation
- d) growth rate of bacteria

23. which of the following microorganism is particularly dangerous to eye?

- a) pseudonymous aeruginosa
- b) E coli
- c) thermophilus
- d) Vibrio cholera

24. Chemical shift is expressed in one of the following units

- a) mm/ml
- b) parts per million
- c) Per centimeter
- d) Amperes

25. the wavelength source in NMR spectrometer is

- a) Klystron oscillator
- b) High Voltage generator
- c) ultraviolet rays
- d) radio frequency oscillator

26. the solvent used in NMR studies is

- a) Phenol
- b) Acetaldehyde
- c) carbon tetrachloride
- d) Chloroform

27. Mass spectrum is obtained by plotting graph of

- a) abundance of iron versus there m/e ratio
- b) molecular weight vs peak height
- c) concentration vs peak height
- d) molecular weight vs m/e ratio



28. The condition characterized by swelling, heat, redness, and pain is known as\_\_\_\_\_.

- a) Chicken pox
- b) Fibromyalgia
- c) Cushing syndrome
- d) Inflammation

29. The increase in symptoms or severity of a condition is a(n)\_\_\_\_\_.

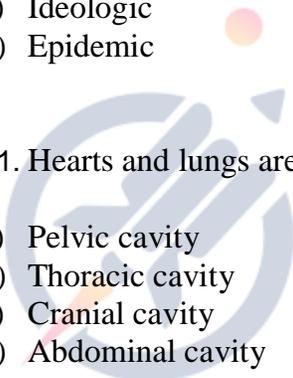
- a) Endemic
- b) Inflammation
- c) Exacerbation
- d) Malignancy

30. A disease of unknown origin is referred to as\_\_\_\_\_.

- a) Idiopathic
- b) Pandemic
- c) Ideologic
- d) Epidemic

31. Hearts and lungs are located in

- a) Pelvic cavity
- b) Thoracic cavity
- c) Cranial cavity
- d) Abdominal cavity

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32. Which of the following is incorrect related to blood vessels?

- a) Tunica media is thickest layer in arteries
- b) Pressure in veins is higher than arteries
- c) Tunica externa is thickest layer in veins
- d) Valves are present in veins only

33. Normal systolic and diastolic pressures are

- a) 120- and 80-mm Hg respectively
- b) 130- and 70-mm Hg respectively
- c) 80- and 120-mm Hg respectively
- d) 70- and 130-mm Hg respectively

34. The mediastinum houses which of the following structures.

- a) Liver
- b) Urinary bladder
- c) Trachea
- d) Spleen

35. The bones that make up the forehead are known as the \_\_\_\_\_ bones.

- a) frontal.
- b) maxillary
- c) Parietal.
- d) temporal. zygomatic

36. What are the two myofilaments that slide past one another to allow muscle cells to contract.

- a) Myosin and collagen
- b) Actin and myosin
- c) Actin and troponin.
- d) Myosin and ATPase

37. The only special sense which is NOT functional when the child is born is

- a) hearing.
- b) taste
- c) vision
- d) smell

38. Lactose intolerance is because of the lack of

- a) acid phosphatase
- b) lactate dehydrogenase
- c) Galactase
- d) Amylase

39. Most important clue that help in determination of double helical structure of DNA came from

- a) Avery McLeod MC Karti experiment
- b) Chargaff rule
- c) Hershey chase experiment
- d) Nirenberg and Khurana's codon assignment

40. Schedule S as per drugs and cosmetics act deal with the

- a) prescription drugs which are required to be sold by retail only on prescription of RMP
- b) standards for ayurvedic products
- c) standards for cosmetics

d) standard for ophthalmic preparations

41. which of the following is not an ex officio member of drugs technical advisory board?

- a) drugs controller of India
- b) president of Pharmacy Council of India
- c) president of Medical Council of India
- d) President of Indian Medical Association

42. Pharmacy Council of India was first constituted in

- a) 1948
- b) 1942
- c) 1958
- d) 1952

43. Notified laboratory under drugs and cosmetics act, to function as Central drug laboratory for testing of Sera vaccines toxins antigens is at

- a) Delhi
- b) Mumbai
- c) Chennai
- d) Kasauli

44. Application for manufacturing of drugs specified in schedule c and C1, excluding schedule x is made in form number

- a) Form 28b
- b) Form 19
- c) form 27
- d) form 8

45. Direct selling is

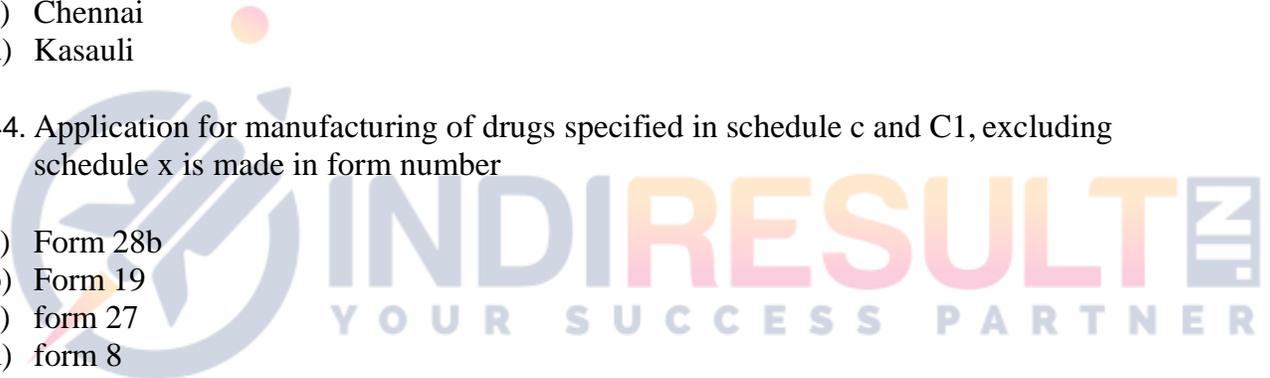
- a) Wholesaler to retailer
- b) manufacturer to retailer
- c) manufacturer to consumer
- d) none of the above

46. Which of the following are 4Ps of marketing?

- a) Price, product, promotion, and place
- b) Process, price, product, promotion
- c) price, product, People and place
- d) Price, product, Physical evidence, and place

47. At what level in an organization corporate manager operate

- a) middle level



- b) top level
- c) technical level
- d) operational level

48. Chemical name of Amoxicillin is

- a) Beta hydroxy analogue benzylpenicillin
- b) Alpha carboxy analogue of benzylpenicillin
- c) 6- [D- (-) -  $\alpha$ -amino - p-hydroxyphenyl acetamido penicillanic acid
- d) 4- [D- (-) -  $\alpha$ -amino - p-hydroxyphenyl acetamido penicillanic acid

49. Acidity of ascorbic acid is due to the presence of

- a) Carboxylic groups
- b) Hydroxyl groups
- c) Enolic groups
- d) aldehyde group

50. HLB system is used to classify

- a) Surfactants
- b) oral dosage forms
- c) Preservatives
- d) Antioxidants

51. bubble point Test is done to determine

- the surface tension of the liquid in capillary tube
- pH of a solution
- volume of the solution Store
- viscosity of the liquid in Ampoules

52. The pH of Pharmaceutical buffer system can be calculated by

- a) pH partition theory
- b) Noyes Whitney law
- c) Henderson Hassel Balch equation
- d) Michaelis Menten equation

53. Which of the following is an amphoteric surfactant?

- a) Bile salts
- b) Sorbitan monostearate
- c) Lecithin
- d) none of the above

54. ~~Boyl~~ peroxide is used as

- a) a preservative
- b) Astringent
- c) Keratolytic, treatment of acne
- d) surfactant

55. Water for injection differ from sterilize distilled water because it is free from

- a) dissolved gases
- b) Antioxidants
- c) Preservatives
- d) Pyrogens

56. Which of the following is not a tablet Hardness tester?

- a) strong cobb
- b) Erweka
- c) Pfizer
- d) Rotosort

57. Mottling means

- a) separation of Tablet into two or more distinct layers
- b) unequal distribution of color on the tablet
- c) separation of tablet crown
- d) rough texture of tablet

58. Which of the following is used in the sub coating step of sugar coating, in the tablets?

- a) sticky binders such as acacia and gelatin
- b) beeswax or carnauba wax
- c) Syrup
- d) Talc

59. Droop point Test is

- e) test for dissolution of tablets
- f) test for softness of capsules
- g) temperature at which lipstick comes out
- h) maximum temperature at which shampoo can be kept

60. which of the following is used as conditioning agent in shampoo?

- i) Selenium sulfide
- j) sodium lauryl sulphate

- k) Mineral oil
- l) z p t o

61. which of the following is used commonly preservative in ophthalmic preparations?

- a) benzalkonium chloride
- b) benzoyl peroxide
- c) Phenol
- d) methyl paraben

62. which of the following is not true about Fruits?

- a) The outermost layer of epicarp is pericarp
- b) Fruits Develop from ovary wall
- c) Endocarp is the innermost layer of the pericarp
- d) Apple is a false fruit

63. Which of the following is false about growth hormones?

- a) Auxin at low concentration boost root growth
- b) indole acetic acid is an Auxin
- c) ethylene stops the flowering
- d) cytokinins are associated with cell division

64. Baljet and kedde's test are used for

- a) Alkaloids
- b) Steroid
- c) cardiac glycoside
- d) Carbohydrates

65. Vegetable gelatin is also known as

- a) Agar
- b) Indian gum
- c) guar gum
- d) Isapgol

66. Ephedra is obtained from which part of the plant

- a) dried stems
- b) dried bark
- c) Seeds
- d) dried leaves

67. Which of the following is used as rat poison?

- a) Indian squill
- b) European squill
- c) Red squill
- d) None of the above

68. Which of the following is not true about clove?

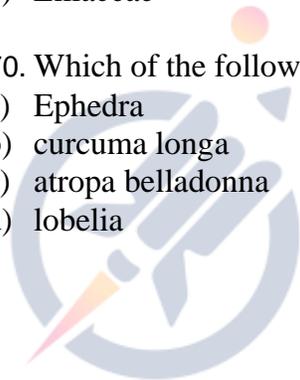
- a) Clove is obtained from flower buds
- b) Clove is a monoterpenoid
- c) it belongs to the family myrtaceae
- d) Clove oil is used as antiseptic

69. cinnamon belongs to the family

- a) Zingiberaceae
- b) Solanaceae
- c) Lauraceae
- d) Liliaceae

70. Which of the following is not an alkaloid?

- a) Ephedra
- b) curcuma longa
- c) atropa belladonna
- d) lobelia



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