

SUBJECT

1. In calculating the infants dose by Clark's formula, the weight of infant is taken in:
 - A. Pounds
 - B. Milligrams
 - C. Kilograms
 - D. Grams
2. Which of the following drugs are used for eradication of worms from body?
 - A. Antibacterial
 - B. Antiviral
 - C. Anthelmintics
 - D. Antifungal
3. Injection of acetylcholine causes?
 - A. Vasodilatation and increase the blood pressure
 - B. Vasoconstriction and increase the blood pressure
 - C. Vasodilatation and decrease the blood pressure
 - D. Vasoconstriction and decrease the blood pressure
4. When drug is given by mouth, route of administration is known as:
 - A. Oral route
 - B. Sublingual route
 - C. Intramuscular route
 - D. Intra-arterial route
5. Furosemide is which type of diuretic?
 - A. Osmotic diuretic
 - B. Potassium sparing diuretic
 - C. Loop diuretic
 - D. Thiazide diuretic
6. The study of effects of drugs on body is known as:
 - A. Pharmacokinetics
 - B. Pharmacodynamics
 - C. Potency
 - D. Efficiency

7. Absorption is the transfer of drug from its site of administration to:
- Lungs
 - Bloodstream
 - Kidney
 - Heart
8. A dose that produces death is known as:
- Therapeutic dose
 - Maintenance dose
 - Maximal tolerated dose
 - Fatal dose
9. Which of the following is xanthenes oxidase inhibitor?
- Diazepam
 - Cimetidine
 - Montelukast
 - Theophylline
10. The adrenergic drugs affect receptors which are stimulated by:
- Nor epinephrine
 - Epinephrine
 - Acetylcholine
 - Both A and B
11. The study of effects the body has on drugs, includes absorption, distribution, metabolism, and excretion is called as:
- Pharmacology
 - Pharmacodynamics
 - Pharmacokinetics
 - Pharmacy
12. Atropine is tertiary amine belladonna?
- Carbohydrate
 - Alkaloid
 - Lipid
 - Glycoside
13. Metoclopramide centrally block:
- Epinephrine receptors
 - Dopamine D2 receptors
 - Acetylcholine receptors
 - Atropine receptors

14. Prostaglandins are:

- A. Saturated fatty acids derivatives
- B. Unsaturated fatty acids derivatives
- C. Proteins derivatives
- D. Carbohydrates derivatives

15. Drugs which counteract the effect of a poison are known as?

- A. Antimalarial
- B. Placebo
- C. Antidotes
- D. Anticancers

16. Lidocaine is:

- A. General anesthetic
- B. Local anesthetic
- C. Antimalarial
- D. Anticancer

17. Which of the following agent is suitable for treatment of constipation?

- A. Castor oil
- B. Epinephrine
- C. Acetylcholine
- D. Omeprazole

18. Which of the following arise from cranium and from sacral region of the spinal cord and synapse in ganglia near or on the effector organs?

- A. Sympathetic neurons
- B. Parasympathetic neurons
- C. Enteric neurons
- D. Afferent neurons

19. In patients of above 60 years of age the dose should be:

- A. Increased 3/4th of adult dose
- B. Decreased 3/4th of adult dose
- C. Decreased 1/4th of adult dose
- D. Increased 1/4th of adult dose

20. Neurons which carry the sensory impulses from periphery to central nervous system and having long dendrites are known as;

- A. Afferent
- B. Efferent
- C. Sensory neurons
- D. Both A and C

21. How many levels of cache memory are seen usually:

- A. 1
- B. 2
- C. 3
- D. 4

22. In a OR function if $A = 1$ and $B = 0$ than $A+B$ will be:

- A. 1
- B. 0
- C. 0.1
- D. 1.0

23. $4F_{16}$ into binary is:

- A. 01001101
- B. 01001001
- C. 0101111
- D. 01001111

24. If $A=1$ than after NOT $A = ?$

- A. 1
- B. 0.1
- C. 0
- D. 1.1

25. Type written, hand written and computer printed things are recognized by:

- A. OMR
- B. Bar code reader
- C. Optical scanner
- D. OCR

26. The first electronic digital computer was:

- A. ABS computer.
- B. Binary calculator.
- C. ENIAC
- D. UNIVAC - 1

27. A universal product code is scanned by:

- A. ATM machine
- B. Microchip card
- C. OMR
- D. Bar code reader

28. The address of the RAM is called as:

- A. Number
- B. Index
- C. Size
- D. Slot number

29. No need of refresh rate is required in _____ type of RAM

- A. Static
- B. Dynamic
- C. Megnatoresistive
- D. Programmable RAM

30. 185₁₀ in Hexadecimal is:

- A. 0B9₁₆
- B. 0B9₁₄
- C. 0B9₁₂
- D. 0B9₁₀

31. The channel builds up for the communication of devices is called as:

- A. Port
- B. Bus
- C. Card
- D. Slot

32. What is the common size of L2 cache memory:

- A. 256kb to 4 MB
- B. 256kb to 5MB
- C. 512kb to 4 MB
- D. 512kb to 8 MB

33. Mainframe computers were introduced in:

- A. 1973
- B. 1974
- C. 1975
- D. 1976

34. 7×10^{-1} is:

- A. 07
- B. 0.7
- C. 0.07
- D. 70.7

35. A large number of instruction sets is supported by:

- A. RISC
- B. Processor
- C. CISC
- D. FLOPS

36. Speed of line printer is calculated in:

- A. Seconds
- B. Minutes
- C. ppm
- D. lpm

37. What is the function of System clock?

- A. It fastens the speed
- B. It gives accuracy in result
- C. It converts analogue signals into digital signals
- D. It measures the output

38. Blaise Pascal invented a _____ machine.

- A. Mechanical subtraction machine
- B. Mechanical multiplication machine
- C. Mechanical Addition machine
- D. Mechanical division machine

39. 45_8 is:

- A. 35
- B. 36
- C. 37
- D. 38

40. 10111_2 is equal to:

- A. 20
- B. 21
- C. 22
- D. 23

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41. Social behavior is behavior directed towards:

- A. An individual
- B. Individuals
- C. Society
- D. Social values

42. There are _____ categories of behavioral sciences.

- A. Nine
- B. Five
- C. Four
- D. Three

43. The play age starts from _____ years.

- A. Five
- B. Two
- C. Four
- D. Three

44. Noise creates _____ leading to quarreling.

- A. Anxiety
- B. Anxiety and anger
- C. Anger
- D. Disturbance

45. The early childhood stage starts from _____ months.

- A. Eight
- B. Six
- C. Four
- D. Three

46. The early childhood stage continues till _____ years.

- A. Five
- B. Two
- C. Four
- D. Three

47. Behavioral sciences deal with the study of human:

- A. Behavior
- B. Attitude
- C. Concepts
- D. Thoughts

55. The purpose of the Pharmacy law is to protect:

- A. Doctors
- B. Citizens
- C. Patients
- D. Pharmacy companies' employees

56. Pharmacists are health professionals who assist _____ in making the best use of medications.

- A. Individuals
- B. Society
- C. States
- D. Governments

57. A pharmacist respects the covenantal relationship between the _____ and pharmacist.

- A. Doctor
- B. Nursing staff
- C. Pharmacy company owners
- D. Patient

58. Pharmacy ethics is branch of _____ ethics.

- A. Medical
- B. Social
- C. Political
- D. Psychological

59. Pharmacy ethics provides a framework for:

- A. Medicines company owners
- B. Pharmacists
- C. Medicines company employees
- D. Drugs distributor

60. Medical ethics is _____ than pharmacy ethics.

- A. Inferior
- B. Weaker
- C. Narrow
- D. Broader

SHORT ESSAY QUESTIONS

SEQ contain 05 marks each.

PHARMACOLOGY

61. Briefly explain the concept of toxicity.
62. Explain the difference between Histamine and Antihistamine.
63. What is the difference between Anthelmintics and Antifungal drugs?
64. Explain the prototype drugs used to treat diarrhea.

SOCIAL BEHAVIOUR, LAW & ETHICS

65. What are the development stages of life, just name them.
66. Shortly explain the applied psychology concept.
67. What are the legal guidelines for a Pharmacist/ Pharmacy Technician/ Assistant Pharmacist regarding the pharmacy?
68. Briefly explain the concept of risk management plan.

FUNDAMENTALS OF COMPUTER

69. Write a short note on data analysis.
70. What are the simple word processing features?
71. What are the PC tools, name few tools and define any two.
72. What are the advantages and disadvantages of networking?