

1. Paracetamol is also known as
(a) Phenacetin (b) **Acetaminophen** (c) Aetanilide (d) Paramol
2. Antipyretic analgesic which is also used as inhibitor of platelet function.
(a) Paracetamol (b) **Aspirin** (c) Nimesulide (d) Flufenamide
3. The example of anthranilic acid analgesic is
(a) Phenylbutazone (b) Antipyrine (c) **Mefanamic acid** (d) None of these.
4. IUPAC name of diclofenac is
3-(2-(2,6-dichlorophenylamino)phenyl)acetic acid
2-(3-(2,6-dichlorophenylamino)phenyl)acetic acid
2-(2-(2,3-dichlorophenylamino)phenyl)acetic acid
2-(2-(2,6-dichlorophenylamino)phenyl)acetic acid
5. Common side effects of NSAIDs is
(a) Sedation (b) **Ulceration** (c) Kidney Damage (d) None of these.
6. Drug which can be used as analgesic, antipyretic and anti-inflammatory is
(a) **Aspirin** (b) naproxen (c) indomethacin (d) indomethacin
7. IUPAC name of ibuprofen is
(a) 2-(4-(3-methylpropyl)phenyl)propanoic acid
(b) **2-(4-(2-methylpropyl)phenyl)propanoic acid**
(c) 2-(3-(2-methylpropyl)phenyl)propanoic acid
(d) 3-(4-(2-methylpropyl)phenyl)propanoic acid
8. all of the following are examples of astringents except
a. Alum b. Zirconium chloride c. Zinc oxide d. **Stearyl alcohol**
9. Number of carbons present in lipophilic chain of Sodium lauryl sulfate is
a. 10 b. **12** c. 14 d. 16
10. Sweat glands which secrete Bad odor Secretion is
a. Ecrine sweat glands b. Apocrine Sweat glands c. Both d. **None**
11. Humectants which is used in tooth powders is
a. Glycerin b. CaCO₃ c. SLS d. **Manitol**
12. Bleeding of gums will be seen due to
a. Microbial growth b. Acquired pellicle c. Enamel d. **Acid Attack**
13. Which of the following is used as anti-carries agent in tooth paste
a. Al(OH)₃ b. Sodium Saccharine c. **Sodium Fluoride** d. Teagacanth
14. Barbiturates induce hypnotic activity by a) GABA minergic activity b) dopaminergic activity c) serotonergic activity d) **GABA minergic and partial serotonergic activity**
15. Barbiturates induced hypnosis is characterized by hangover effect which is attributed to a) enhanced frequency of chloride ion channel opening b) enhanced GABA beta receptor activity c) reduced glutamate activity d) **increased duration of GABA mediated chloride ion exchange**
16. Antograde amnesia is induced by a) Alprazolam b) nitrazepam c) **Flunitrazepam** d) flumazenil
17. Following is considered as a specific antagonist of GABA A receptor by its action on modulatory site a) **Flumazenil** b) Busprion c) Esprion d) Zopiclone
18. Anandamide binds to cannabinoid receptors and induce a) hallucination b) euphoria c) bronchodilation d) **all of these**

19. Lithium carbonate poisoning may lead to a) Diabetes mellitus **b) Diabetes insipidus** c) Liver cirrhosis d) Body weight loss
20. Inhibition of inositol triphosphate synthesis leading to induction of antidepressant activity is associated with pharmacological action of
a) Imipramine b) Sertraline **c) Lithium carbonate** d) clorgyline
21. Ecstasy contains a following hallucinatory agent a) **Methylene dioxy methamphetamine (MDMA)** b) Psilocybine c) Lysergic acid diamide d) none of these
22. Thiopental sodium is widely prescribed as a) Sedative b) Hypnotic **c) Anesthetic** d) Antianxiety agent
23. Central muscle relaxant action of Benzodiazepine is attributed to a) GABA minergic activity **b) Interneuron inhibitory activity** c) sedation d) Dopaminergic activity
24. The space between the edges of the impeller and the casing of the chamber is known as
A, turbine **b. volute** c. cylinder d. spacer
25. is a reciprocating pump.
A, Gear b. Rotating **c. plunger** d. pressure
26. conveyor is used for handling the toxic materials.
a. Belt b. Screw **c. Pneumatic** d. Chain
- 27. In Electron Microscope source of electrons is from**
a. Mercury lamp **b. Tungsten metal**
c. both a and b d. None of these
- 28. Magnification range of light microscope is**
a. 1000x – 5000x **b. 1000x – 2000x**
c. 500x – 1000x d. None of these
- 29. Gram staining is an example for**
a. Simple staining **b. Differential staining**
c. Negative staining d. None of these
- 30. Mordant used in gram staining is**
a. Crystal violet **b. Iodine**
c. Saffranin d. All of these
- 31. Rod shaped bacteria are known as**
a. Cocci b. Comma forms
c. Bacilli d. Pleomorphic forms
- 32. Gram positive bacteria appear as**
a. Pink **b. Violet**
c. both a & b d. None of these
- 33. Lipid contents is more in**
a. Gram negative bacteria b. Gram positive bacteria
c. Same in both d. None of these
- 34. The reproduction rate is equal to death rate in which stage**
a. Decline phase b. Stationary phase
c. Lag phase **d. Log phase**
35. If the adult dose is 15 mg, what is the dose for
P. A child of 8 years Q. a child weighing 40 lbs
a. P=4 mg & Q= 4 mg **b. P= 6 mg & Q= 4 mg**
c. P = 12.33 mg & Q= 4 mg d. P= 6mg & Q= 12.33 mg
36. What “**Signatura**” represents in prescription
a. Information like name, sex and wt. of patient

b. Name address of prescriber

c. Label

d. Signature of medical practitioner

37. Which of the following formula is used to calculate the dose for the Infants

a. Clarks formula

b. Fried's formula

c. Dilling's formula

d. Cowling's formula

38. Glucose is not reactive with

Tollen's reagent

Sodium bisulphite solution

Acetic anhydride

Hydroxylamine

39. Alexandrian senna is

Cassia acutifolia

Cassia angustifolia

Cassia holoserica

Cassia auriculata

40. Commercially, glucose is obtained from

i. Alkaline hydrolysis of starch

ii. Acidic hydrolysis of starch

iii. Acidic hydrolysis of sucrose

iv. Acidic hydrolysis of malt sugar

41. Where are visual and auditory reflexes centered

a. Medulla

b. Pons

c. Diencephalon

d. Midbrain

42. Which brain area coordinates skeletal muscle movements

a. Cerebrum

b. Cerebellum

c. Hypothalamus

d. Medulla

43. The cerebral hemispheres are connected by

a. Longitudinal fissures

b. Cortex

c. Corpus callosum

d. Brain stem

44. Clove is

Dried flower bud of *Eugenia caryophyllus* belonging to family meliaceae

Dried flower bud of *Eugenia caryophyllus* belonging to family myrtaceae

Dried flower bud of *Eugenia caryophyllus* belonging to family zygophyllaceae

None of them

45. Liquorice contain

Triterpenoid glycoside

Flavonoid glycoside

Triterpenoid glycoside and Flavonoid glycoside

None of them

46. Which of the following hypnotic drugs is used intravenously inducing agent as anesthesia?

a. Methohexital

b. Phenobarbital

c. Flurazepam

d. Zolpidem

47. Oil of wintergreen is chemically-

a. Ethyl salicylate

b. Phenyl salicylate

c. Methyl salicylate

d. Acetyl salicylate

48. Which of the following analgesics is a phenanthrene derivative?

a. Fentanyl

b. Morphine

c. Methadone

d. Pentazocine

49. Indicate the psychostimulant, which is a methylxantine derivative:

a. Caffeine

b. Sydnocarb

c. Amphetamine

d. Meridil

50. Glucose is not reactive with

a. Tollen's reagent

b. Sodium bisulphite solution

c. Acetic anhydride

d. Hydroxylamine