

1. An antipyretic is

- 1) quinine
- 2) paracetamol
- 3) luminal
- 4) piperazine

2. Aspirin is

- 1) antibiotic
- 2) antipyretic
- 3) sedative
- 4) psychedelic

3. Synthetic detergents are more effective in hard water than soaps because

- 1) they are non-ionic
- 2) their Ca^{++} and Mg^{++} salts are insoluble in water
- 3) their Ca^{++} and Mg^{++} salts are water soluble
- 4) they are highly soluble in water

4. The use of chemicals for treatment of diseases is called as

- 1) isothermotherapy
- 2) angiotherapy
- 3) physiotherapy
- 4) chemotherapy

5. A drug effective in the treatment of pneumonia, bronchitis, etc, is

- 1) streptomycin
- 2) chloramphenicol
- 3) penicillin
- 4) sulphaguanidine

6. Which of the following is not an antiseptic drug?

- 1) Iodoform
- 2) Dettol
- 3) Gammexane
- 4) Genation violet

7. An antibiotic with a broad spectrum

- 1) kills the antibodies
- 2) acts on a specific antigen
- 3) acts on different antigens
- 4) acts on both the antigens and antibodies

8. Streptomycin is effective in the treatment of

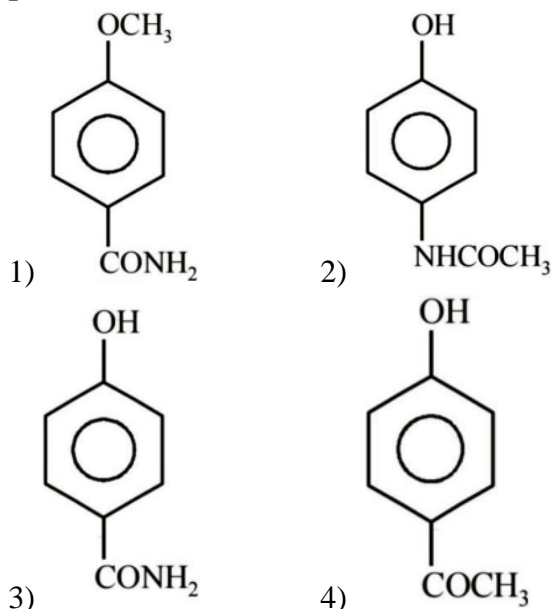
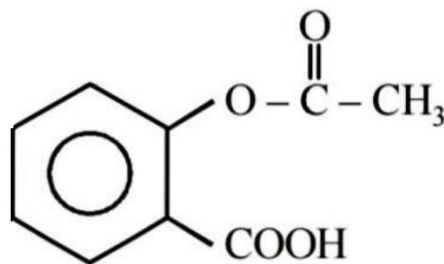
- 1) tuberculosis
- 2) malaria
- 3) typhoid
- 4) cholera

9. Which one of the following is an antihistamine?

- 1) Iproniazid
- 2) Salvarsan
- 3) Zantac
- 4) Chloramphenicol

10. The drug used for prevention of heart attacks is

- 1) aspirin
- 2) valium
- 3) chloramphenicol
- 4) cephalosporin

11. The correct structure of the drug paracetamol is**12. The following compound is used as**

- 1) an anti-inflammatory compound
- 2) analgesic
- 3) hypnotic
- 4) antiseptic

13. Various phenol derivatives, tincture of iodine (2 – 3%) I_2 in (water / alcohol) and some dyes like methylene blue are

- 1) antiseptics
- 2) disinfectants
- 3) analgesics
- 4) antipyretics

14. Which of the following statements about aspirin is not true?

- 1) It is effective in relieving pain
- 2) It is a neurologically active drug
- 3) It has antiblood clotting action
- 4) It belongs to narcotic analgesics

15. Which one of the following is not a neurologically active drug?
 1) Veronal 2) Bithionol
 3) Equanil 4) Nardil
16. Further growth of cancerous cells in the body is arrested by
 1) physiotherapy 2) chemotherapy
 3) electrotherapy 4) psychotherapy
17. Which one among the following is not an analgesic?
 1) Ibuprofen 2) Naproxen
 3) Aspirin 4) Valium
18. Which one of the following is employed as a tranquilizer drug?
 1) Promethazine 2) Valium
 3) Naproxen 4) Mifepristone
19. Which one of the following is employed as Antihistamine?
 1) Chloramphenicol 2) Diphenylhydramine
 3) Norothindrone 4) Omeprazole
20. Cetyltrimethyl ammonium bromide is a popular
 1) anionic detergent
 2) cationic detergent
 3) non-ionic detergent
 4) sweetener
21. Which of the following acts as an antioxidant in edible oils
 1) Vitamin B 2) Vitamin C
 3) Vitamin D 4) Vitamin E
22. Which is correct about vanillin?
 1) A flavouring agent having vanilla flavor
 2) *p*-hydroxy-*m*-methoxy benzaldehyde
 3) A food additive
 4) All of these
23. Glycerol is added to soap. Its function
 1) as a filler
 2) to increase leathering
 3) to prevent rapid drying
 4) to make soap granule
24. Which is the correct statement about birth control pills?
 1) Contain estrogen only
 2) Contain progesterone only
 3) Contain a mixture of estrogen and progesterone derivatives
 4) Progesterone enhances ovulation
25. Bithional is added to soap as an additive to function as a/an
 1) softener 2) hardener
 3) dryer 4) antiseptic
26. Match the chemicals in Column – I with their uses in Column – II
- | | Column – I | | Column – II |
|-----|--------------------|-------|----------------------|
| (A) | Sodium Perborate | (I) | Disinfectant |
| (B) | Chlorine | (II) | Antiseptic |
| (C) | Bithional | (III) | Milk bleaching agent |
| (D) | Potassium stearate | (IV) | Soap |
- 1) A – I, B – II, C – III, D – IV
 2) A – II, B – III, C – IV, D – I
 3) A – III, B – I, C – II, D – IV
 4) A – IV, B – I, C – II, D – III
27. Consider the following antibiotics
 i) Erythromycin
 ii) Ofloxacin
 iii) Chloramphenicol
 iv) Penicillin
 v) Tetracycline
 The pair of bactericidal antibiotics is
 1) i-iii 2) ii-iv
 3) iii-v 4) i-iv
28. Placebo is often given to patients. It is
 1) an antidepressant
 2) a broad spectrum antibiotic
 3) a sugar pill
 4) a tonic
29. Salts of sorbic acid and propionic acid are used as
 1) antioxidants
 2) flavouring agents
 3) food preservatives
 4) nutritional supplements
30. An antibiotic contains nitro group attached to aromatic nucleus. It is
 1) penicillin 2) streptomycin
 3) tetracycline 4) chloramphenicol

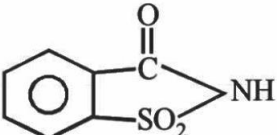
31. Morphine is

- 1) an alkaloid 2) an enzyme
3) a carbohydrate 4) a protein

32. Phenacetin is used as

- 1) antipyretic 2) antiseptic
3) antimalarial 4) analgesic

33. Which is correct about saccharin?

- It is 
- 1)
2) It is 600 times sweeter than sugar
3) It is used as sweetening agent
4) All of these

34. The most useful classification of drugs for medicinal chemists is

- 1) on the basis of chemical structure
2) on the basis of drug action
3) on the basis of molecular targets
4) on the basis of pharmacological effect

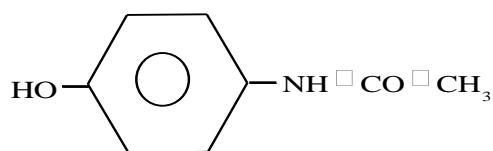
CHEMISTRY

1) 2	2) 2	3) 3	4) 4	5) 3	6) 3	7) 3	8) 1	9) 3	10) 1
11) 2	12) 2	13) 1	14) 4	15) 4	16) 2	17) 4	18) 2	19) 2	20) 2
21) 4	22) 4	23) 3	24) 3	25) 4	26) 3	27) 2	28) 3	29) 3	30) 4
31) 1	32) 1	33) 4	34) 3						

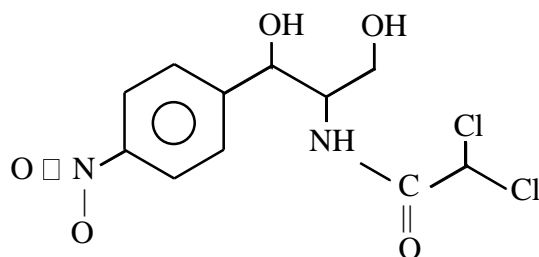
SOLUTIONS :

1. Paracetamol is antipyretic
2. Aspirin is antipyretic i.e a drug which is responsible for lowering the temp. of feverish organism
3. Detergents have an advantage over soaps that its polar end sulphate and sulphonate retain their efficiency in hard water, since their corresponding salts Ca and Mg are soluble.
4. Chemotherapy is to injure or destroy infection caused by microorganism.
5. Penicillin is an effective medicine for Pneumonia disease
6. Gammexane is an insecticide drug.
7. A broad spectrum acts on different antigens
8. Streptomycin is used in tuberculosis
9. Zantac is an antihistamine

10. Aspirin



- 11.
12. It is acetyl salicylic acid I.e aspirin analgesic and antipyretic
13. Tincture of iodine is used as antiseptic
14. Aspirin is non-narcotic analgesic
15. Bithional is an antiseptic drug
16. Chemotherapy is used to arrest the growth of cancerous cells.
17. Valium is a tranquillizer and not an analgesic
18. Valium is tranquilizer
19. Diphenylhydramine
20. $\text{CH}_3 - (\text{CH}_2)_{15} - \text{N}^+ (\text{CH}_3)_3 \text{Br}^-$, cetyltrimethyl ammonium bromide.
21. Vitamin E is an antioxidant present in edible oil.
22. Vanillin is p-hydroxy-m-methoxybenzaldehyde have vanilla flavor and used as food additive.
23. Glycerol prevent rapid drying.
24. Birth control pills contain a mixture of estrogen and progesterone derivatives.
25. Bithinol is used as antiseptic.
26. Sodium perborate – Milk bleaching agent
Chlorine – Disinfectant
Bithinol – Antiseptic
Potassium stearate – soap
27. Ofloxacin and Penicillin are bacterial antibiotics.
28. Placebo is a sugar pill.
29. Salts of sorbic acid and propionic acid are used as food preservative.
30. Chlorphenicol



31. Morphine is an alkaloid
32. Phenacetin is used as antipyretic
33. Saccharin is an artificial sweetening agent which is 600 times sweeter than sugar.
34. Classification on basis of molecular targets.