

QB365 Question Bank Software Study Materials

Chemistry In Everyday Life 50 Important 1 Marks Questions With Answers (Book Back and Creative)

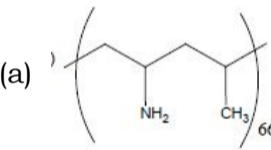
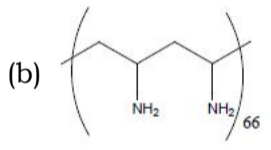
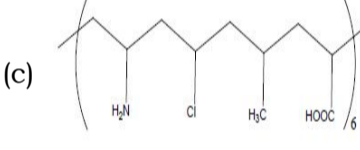
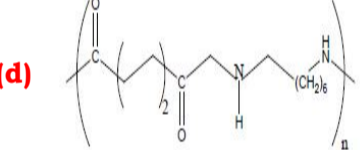
12th Standard

Chemistry

Total Marks : 50

Multiple Choice Question

50 x 1 = 50

- 1) Which of the following is an analgesic?
(a) Streptomycin (b) Chloromycetin (c) **Asprin** (d) Penicillin
- 2) Antiseptics and disinfectants either kill or prevent growth of microorganisms. Identify which of the following statement is not true.
(a) **dilute solutions of boric acid and hydrogen peroxide are strong antiseptics.** (b) Disinfectants harm the living tissues
(c) A 0.2% solution of phenol is an antiseptic while 1% solution acts as a disinfectant
(d) Chlorine and iodine are used as strong disinfectants
- 3) Drugs that bind to the receptor site and inhibit its natural function are called _____.
(a) **antagonists** (b) agonists (c) enzymes (d) molecular targets
- 4) Aspirin is a/an _____.
(a) **acetylsalicylic acid** (b) benzoyl salicylic acid (c) chlorobenzoic acid (d) anthranilic acid
- 5) Which one of the following structures represents nylon 6,6 polymer?
(a)  (b)  (c)  (d) 
- 6) Natural rubber has _____.
(a) alternate cis- and trans-configuration (b) random cis- and trans-configuration (c) **all cis-configuration**
(d) all trans-configuration
- 7) Nylon is an example of _____.
(a) **polyamide** (b) polythene (c) polyester (d) poly saccharide
- 8) Terylene is an example of _____.
(a) polyamide (b) polythene (c) **polyester** (d) polysaccharide
- 9) Which one of the following is a bio-degradable polymer?
(a) HDPE (b) PVC (c) Nylon 6 (d) **PHBV**
- 10) Non stick cook wares generally have a coating of a polymer, whose monomer is _____.
(a) ethane (b) prop-2-enitrile (c) chloroethene (d) **1,1,2,2-tetrafluoroethane**
- 11) Which of the following is a co-polymer?
(a) Orlon (b) PVC (c) Teflon (d) **PHBV**
- 12) The polymer used in making blankets (artificial wool) is _____.
(a) polystyrene (b) **PAN** (c) polyester (d) polythene
- 13) Regarding cross-linked or network polymers, which of the following statement is incorrect?

- (a) Examples are Bakelite and melamine (b) They are formed from bi and tri-functional monomers
 (c) They contain covalent bonds between various linear polymer chains
(d) They contain strong covalent bonds in their polymer chain
- 14) Which is the monomer of neoprene in the following?
(a) $\begin{array}{c} \text{CH}_2-\text{C}-\text{CH}=\text{CH}_2 \\ | \\ \text{Cl} \end{array}$ (b) $\text{CH}_2 = \text{CH} - \text{C} \equiv \text{CH}$ (c) $\text{CH}_2 = \text{CH} - \text{CH} = \text{CH}_2$ (d) $\begin{array}{c} \text{CH}_2 = \text{C}-\text{CH}=\text{CH}_2 \\ | \\ \text{CH}_3 \end{array}$
- 15) Dettol is the mixture of _____.
 (a) Chloroxylenol and bithionol **(b) Chloroxylenol and α -terpineol** (c) phenol and iodine (d) terpineol and bithionol
- 16) An example of anti-fertility drug is _____.
(a) novestrol (b) seldane (c) salvarsan (d) Chloramphenicol
- 17) Antacids are _____
 (a) aluminium hydroxide (b) magnesium hydroxide **(c) both (a) and (b)** (d) neither (a) or (b)
- 18) Which among the following is a modification of penicillin?
(a) amoxicillin (b) catecholamine (c) Crythromycin (d) all the above
- 19) Which one of the following is employed as antihistamine?
 (a) azithromycin (b) ciprofloxacin **(c) cetirizine** (d) neomycin
- 20) Which among the following is an ester linked local anaesthetic?
(a) procaine (b) lidocaine (c) both (a) and (b) (d) neither (a) nor (b)
- 21) The drug used in major surgical procedure is _____
 (a) procaine (b) lidocaine **(c) propofol** (d) morphine
- 22) The class of drugs used to slow down the growth of micro organisms in inanimate objects is _____
(a) disinfectant (b) antiseptics (c) antimicrobials (d) narcotic analgesics
- 23) The monomer of PVC is _____
 (a) Vinyl carbonate **(b) Vinyl Chloride** (c) Vanadium carbonate (d) Vanadium chloride
- 24) The specific treatment of a disease using medicine is known as _____
 (a) inhibitors **(b) chemotherapy** (c) Competitive inhibitors (d) both (a) and (c)
- 25) The drug that binds to the receptor site and inhibits its natural function are called _____
 (a) anomers (b) agonists **(c) antagonists** (d) none of the above
- 26) A 1% solution of phenol is a _____
 (a) antiseptic **(b) disinfectant** (c) antimalarial drug (d) antihistamine
- 27) The medicine used for curing rabies is called _____
 (a) antibacterial **(b) antiviral** (c) antifungal (d) antibiotics
- 28) The substance that functions as a moisture barrier between the skin and the atmosphere is called _____
 (a) preservative (b) emulsifier (c) anticaking agent **(d) moisturizer**
- 29) Iodoform is _____
 (a) antibiotic **(b) antiseptic** (c) disinfectant (d) both (a) and (c)
- 30) Potassium meta bisulphite is used as _____

(a) **food preservative** (b) sweetening agent (c) a cosmetic (d) an antioxidant

31) Glyptal is a polymer of _____

(a) ethylene glycol and teryphthaliic acid (b) **ethylene glycol and pthalic acid** (c) adipic acid and hexamethelene diamine
(d) phenol and formaldehyde

32) The monomer unit of natural rubber is _____

(a) **C is iso prene** (b) trans isoprene (c) orlon (d) Capro lactam

33) Penicillin is an example of _____.

(a) Analgenis (b) **Antibiotic** (c) Anaestheic (d) Antacid

34) These are important for communications system _____.

(a) Enzymes (b) Lipids (c) **Receptors** (d) Carbohydrates

35) In all living systems, the biochemical reactions are catalysed by _____.

(a) **enzymes** (b) proteins (c) fats (d) lipids

36) When a drug molecule that has a similar geometry as the substrate is administered, it acts as a/an ____ to the enzyme catalysts.

(a) terminator (b) **inhibitor** (c) propagetor (d) none

37) _____ is a non-narcotic analgesic.

(a) **Aspirin** (b) Morphine (c) Codeine (d) None

38) It is a tetracycline _____.

(a) Doxycycline (b) Minocycline (c) Oxytetracycline (d) **All the above**

39) Soaps are made from _____.

(a) animal fats (b) vegetable oils (c) mineral oils (d) **both (a) & (b)**

40) In a soap molecule, the polar end is _____.

(a) **hydrophilic** (b) hydrophobic (c) neutral (d) none

41) When a soap is added ro a dirty cloth, the negatively charged Carboxylate group is strongly attracted by _____ thus leading to the formation of small droplets called _____.

(a) oil, miscelles (b) grease, miscelles (c) **water, micelles** (d) none

42) Long chain continuous polymers are called _____ polymers.

(a) **Linear** (b) Branched (c) Cross linked (d) None

43) In condensation polymerisation it is eliminated _____.

(a) H₂O (b) NH₃ (c) ROH (d) **All the above**

44) The polymer of ethylene glycol and dimethyl terephthalate is _____.

(a) Terene (b) Terylene (c) Dacron (d) **All the above**

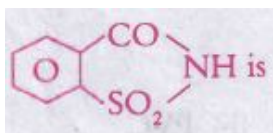
45) Novolac is a _____ polymer of phenol and formaldehyde.

(a) **Linear** (b) Cross linked (c) Soft and Stretchy (d) Addition

46) It is a polyamide _____.

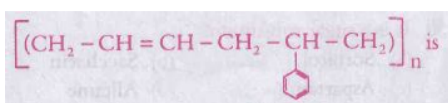
(a) Terylene (b) Nylon - 6,6 (c) Nylon - 2,6 (d) **Both (b) & (c)**

47)



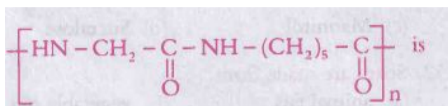
- (a) Alitame (b) **Saccharin** (c) Aspartame (d) Sucralose

48)



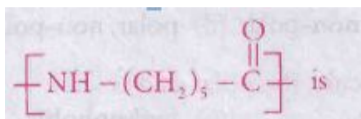
- (a) Neoprene (b) Natural rubber (c) Buna - N (d) **SBR**

49)



- (a) Nylon - 2,6 (b) Nylon - 6 (c) **Nylon-2-Nylon-6** (d) Nylon - 6,6

50)



- (a) **Nylon-6** (b) Nylon - 5 (c) Nylon- 2 nylon - 6 (d) Nylon - 6,6