

1.	<p>What is the concentration of methylene blue used in leakage test for ampules?</p> <p>a) 1% b) 5% c) 10% d) 20%</p>
2.	<p>Emulsifying agents are found from plants excluding</p> <p>a) Carrageenan b) Gelatin c) Pectin d) Tragacanth</p>
3.	<p>HLB value of Tween 80 is</p> <p>a) 20 b) 30 c) 15 d) 10</p>
4.	<p>The rate of sedimentation is expressed by</p> <p>a) Newton law b) Dalton law c) Raults law d) Stoke's law</p>
5.	<p>One microliter means</p> <p>a) <math>1.0 \times 10^{-6}</math> Liters b) <math>1.0 \times 10^{-5}</math> Liters c) <math>1.0 \times 10^{-4}</math> Liters d) <math>1.0 \times 10^{-7}</math> Liters</p>
6.	<p>"Omni nocte" Means</p> <p>a) Day night b) Night and morning c) Every night d) During meals</p>
7.	<p>All Parameters important for plasma level time studies except?</p> <p>a) C max b) T max c) Area Under Curve d) Steady state level</p>
8.	<p>Mechanism for pharmacokinetic analysis exclude?</p> <p>a) Compartment analysis b) Non compartment analysis c) Physiologic modeling d) Human model</p>
	<p>Coating which is thin and dissolve fast?</p> <p>a) Sugar coating</p>

9.	<ul style="list-style-type: none"> <li>b) Film coating</li> <li>c) Enteric coating</li> <li>d) Sealing coating</li> </ul>
10.	<p>Cosmetics and toiletries under which schedule according to Drug and cosmetic act</p> <ul style="list-style-type: none"> <li>a) Schedule T</li> <li>b) Schedule B</li> <li>c) Schedule S</li> <li>d) Schedule Y</li> </ul>
11.	<p>EDTA metal ion complex is stable in</p> <ul style="list-style-type: none"> <li>a) Acidic pH</li> <li>b) Neutral pH</li> <li>c) Alkaline pH</li> <li>d) Phosphate buffer</li> </ul>
12.	<p>Identify the non-steroidal estrogens from the following drug:</p> <ul style="list-style-type: none"> <li>a) Stilboestrol</li> <li>b) 17- ethinyloestradiol</li> <li>c) Estrone</li> <li>d) Estriol</li> </ul>
13.	<p>Tolbutamide is synthesized from .....</p> <ul style="list-style-type: none"> <li>a) Substituted sulphanilamide and isocyanates</li> <li>b) Substituted toluene and amide</li> <li>c) Substituted sulphonamide</li> <li>d) cyanoguanidine and dimethylamine</li> </ul>
14.	<p>Selenium containing enzyme is .....</p> <ul style="list-style-type: none"> <li>a) Glutathione peroxidase</li> <li>b) Xanthine oxidase</li> <li>c) Pyruvate kinase</li> <li>d) Urease</li> </ul>
15.	<p>Enzyme acting on peptide bonds .....</p> <ul style="list-style-type: none"> <li>a) Hexokinase</li> <li>b) Chymotrypsin</li> <li>c) GOT</li> <li>d) Glucose-6-phosphatase</li> </ul>
16.	<p>Which of the following phenomena is seen in benzoin condensation?</p> <ul style="list-style-type: none"> <li>a) Dehydration</li> <li>b) Oxidation</li> <li>c) Protonation-deprotonation</li> <li>d) Reduction</li> </ul>
17.	<p>The alkanes are non-polar due to</p> <ul style="list-style-type: none"> <li>a) Dipole-dipole interaction</li> <li>b) Electronegativity difference</li> <li>c) Solubility</li> <li>d) High melting point</li> </ul>
	<p>Derivatization techniques in HPLC are used to enhance</p>

18.	<ul style="list-style-type: none"> <li>a) Detectability</li> <li>b) Molecular weight</li> <li>c) Reversibility</li> <li>d) Reproducibility</li> </ul>
19.	<p>Chemical shift is expressed in one of the following units</p> <ul style="list-style-type: none"> <li>a) cm-1</li> <li>b) cm</li> <li>c) parts per million</li> <li>d) Amperes</li> </ul>
20.	<p>Identify Pharmacophore properties:</p> <ul style="list-style-type: none"> <li>a) Target molecule bind with macromolecular molecule</li> <li>b) A site where antagonist bind to alter the biological response</li> <li>c) 3-D structure responsible for increasing drug penetration</li> <li>d) Three-dimensional arrangement of chemical functional groups which is responsible for the biological activity</li> </ul>
21.	<p>Who is Father of American Pharmacology?</p> <ul style="list-style-type: none"> <li>a) Claude Bernard</li> <li>b) Rudolph Bucheim</li> <li>c) John Jacob Abel</li> <li>d) Oswald Schmeideberg</li> </ul>
22.	<p>Antagonist irreversible attached with its receptor by?</p> <ul style="list-style-type: none"> <li>a) Ionic bond</li> <li>b) Hydrogen bond</li> <li>c) Van der Waals bond</li> <li>d) Covalent bond</li> </ul>
23.	<p>CYP enzymes is associated with metabolism of the highest number of drugs</p> <ul style="list-style-type: none"> <li>a) CYP3A4</li> <li>b) CYP2C9</li> <li>c) CYP2D6</li> <li>d) CYP2E1</li> </ul>
24.	<p>1-Adrenoceptors are prominently involved in which one of the following?</p> <ul style="list-style-type: none"> <li>a) Cardiac acceleration</li> <li>b) Intestinal relaxation</li> <li>c) Cardiac contractility</li> <li>d) Vasoconstriction</li> </ul>
25.	<p>L-Arginine serves as a precursor for</p> <ul style="list-style-type: none"> <li>a) Bradykinin</li> <li>b) L-Citrulline</li> <li>c) Nitrous oxide</li> <li>d) Atrial natriuretic peptide</li> </ul>
26.	<p>Drug which inhibit the reuptake of GABA into neurons and glia?</p> <ul style="list-style-type: none"> <li>a) Zonisamide</li> <li>b) Tiagabine</li> <li>c) Ethosuximide</li> </ul>

	d) Gabapentin
27.	The actions of ADH include all of the following EXCEPT a) Stimulation of ACTH release b) Stimulation of bile secretion c) Constriction of most blood vessels d) Stimulation of coagulation factor VIII production
28.	Diabetes insipidus is caused by dysfunction of a) Vasopressin b) Insulin c) ACTH d) Renin
29.	Gastric acid secretion is stimulated by the presence of a) Gastrin and acetylcholine b) Histamine and motilin c) Norepinephrine and gastrin d) Norepinephrine and histamine
30.	All are alkylating agents except a) Cyclophosphamide b) Chlorambucil c) Busulfan d) 5-Fluorouracil
31.	Which of the following bark is rich in condensed tannins? a) Cinnamon b) Krameria c) Cocoa d) Areca
32.	Both surfaces of Senna leaves contain a) Scattered, unicellular and lignified warty hairs b) Scattered, unicellular and nonlignified warty hairs c) Scattered, multicellular and nonlignified warty hairs d) Scattered, multicellular and lignified warty hairs
33.	Barbaloin is a a) Amorphous glycoside b) Alkaloid c) Crystalline glycoside d) All of the above
34.	Which of the following does not contain geraniol? a) Coriandrum sativum b) Santalum album c) Lavandula officinalis d) Cymbopogon citrates
35.	Which of the following is water soluble ergot alkaloid? a) Ergocornine b) Ergotamine

	<ul style="list-style-type: none"> <li>c) Ergocristine</li> <li>d) Ergocristinine</li> </ul>
36.	<p>The saffron contains</p> <ul style="list-style-type: none"> <li>a) Two molecules of colored glycoside</li> <li>b) One molecule of colored glycoside</li> <li>c) One molecule of colorless glycoside</li> <li>d) Two molecules of colorless glycoside</li> </ul>
37.	<p>The configuration of quinine is</p> <ul style="list-style-type: none"> <li>a) 8S, 9S</li> <li>b) 8R, 9R</li> <li>c) 8S, 9R</li> <li>d) None of the above</li> </ul>
38.	<p>The crocin on hydrolysis yields</p> <ul style="list-style-type: none"> <li>a) Crocetinone</li> <li>b) Gentiobiose</li> <li>c) Glucose</li> <li>d) Safranal</li> </ul>
39.	<p>Which of the following is a natural insecticide?</p> <ul style="list-style-type: none"> <li>a) Pyrethrum</li> <li>b) Rutin</li> <li>c) Warfarin</li> <li>d) Atropine</li> </ul>
40.	<p>Unlignified pith is present in</p> <ul style="list-style-type: none"> <li>a) Ephedra equisetina</li> <li>b) Ephedra sinica</li> <li>c) Ephedra distachya</li> <li>d) None of the above</li> </ul>

S.No	Answers
1.	A
2.	B
3.	C
4.	D
5.	A
6.	C
7.	D
8.	D
9.	B
10.	C
11.	C
12.	A
13.	A
14.	A
15.	B
16.	C
17.	B
18.	A
19.	C
20.	D
21.	C
22.	D
23.	A
24.	D
25.	C
26.	B
27.	B
28.	A
29.	A
30.	D
31.	A
32.	B
33.	C
34.	A
35.	B
36.	B
37.	C
38.	B
39.	A
40.	B