

1) Bloom strength of the gelatin is normally:

1. 50 gm
2. 200-240 gm
3. 400 gm
4. 500 gm

2) The minimum age for qualification for entry into the first register is:

1. 20 years
2. 18 years
3. 21 years
4. 30 years

3) The major constituents in agar are:

1. Vitamins
2. Peptones
3. Carbohydrates
4. All of the above

4) Affinity Chromatography specialized form of:

1. Adsorption Chromatography
2. Partition Chromatography
3. Both of the above
4. Size Exclusion Chromatography

5) The smallest unit of genetic material that can undergo mutation is called:

1. Gene
2. Cistron
3. Replicon
4. Muton

6) The mean length of entire GIT is:

1. 9 m
2. 8 cm
3. 15 m
4. 50 m

7) Tick the drug which belongs to nucleoside reverse transcriptase inhibitors:

1. Didanosine
2. Gancyclovir
3. Nevirapine
4. Vidarabine

8) Yeast extract is an excellent source of:

1. Vitamin B
2. Proteins
3. Both of the above
4. Vitamin C

9) EOQ stands for:

1. Economic order quantity
2. Equal order quantity
3. Essential order quantity
4. None of these

10) Cell eating means:

1. Uptake of fluid
2. Uptake of solid particulates
3. Both of the above
4. None of these

11) The pH of saliva is:

1. 7-9
2. 3.2
3. 9.8
4. 1.2

12) Half life ($t^{1/2}$) doesn't depend on:

1. Biotransformation
2. Time of drug absorption
3. Concentration of a drug in plasma
4. Rate of drug elimination

13) The molecular weight of most drug that passes across the membrane lie between:

1. 5001000 daltons
2. 1001000 daltons
3. 10002000 daltons
4. None of these

14) Second order pain is:

1. Occur earlier
2. Dull, burning pain
3. Non protective behavior
4. None of these

15) Pressed pellet technique for sample preparation in I.R involves the use of:

1. Calcium carbonate
2. Sodium bromide
3. Potassium bromide
4. None of these

16) The transit time of food from descending colon is:

1. 2 hours
2. 5 minutes
3. 6- 12 hours
4. 21 hours

17) The time interval between placing an order and receiving order is called:

1. Lead time
2. Mean time
3. Safety stock
4. Crucial time

18) The process of reacting oxygen with food and release of energy is called:

1. Oxidation of food
2. Absorption of food
3. Assimilation of food
4. None of these

19) Drug which is not an example of organized crude drug:

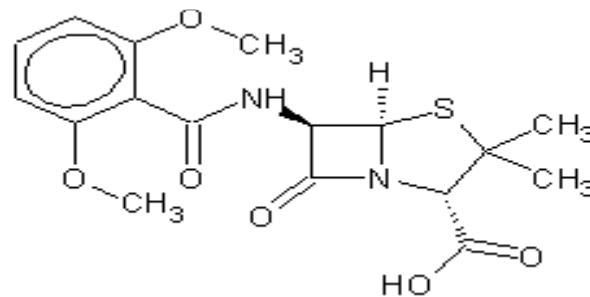
1. Digitalis
2. Cinchona
3. Aloe
4. Clove

20) LAL is known as:

1. Limulus Amoebocyte Lysate

2. Litmus ambiocyte lysate
 3. Both of the above
 4. None of these
- 21) If the drug has a very small volume of distribution, it is likely that this drug:
1. Has a short biological life
 2. Does not accumulate in various tissues and organs
 3. More pharmacologically active
 4. Will no be effective
- 22) The commonly used detector in UV Spectrophotometer is:
1. Thermocouple
 2. Photomultiplier
 3. Bolometer
 4. Littrow prisms
- 23) Digitalis leaves should be dried at temperature below:
1. 20° C
 2. 30° C
 3. 40° C
 4. 60° C
- 24) Disintegration test is not applicable on :
1. Tablet
 2. Capsule
 3. Solution
 4. Pills
- 25) Tick the drug used for HIV infection treatment, a derivative of nucleosides: /
1. Acyclovir
 2. Zidovudine
 3. Gancyclovir
 4. Trifluridine
- 26) The vehicle used in the progesterone injection BP is:
1. Fixed oil
 2. Glycerine
 3. Ethyl alcohol
 4. All of the above
- 27) The drug which is an example of organized crude drug:
1. Digitalis
 2. Cinchona
 3. Clove
 4. All of the above
- 28) One of the following has the structure similar to that of a diuretic agent
1. Minoxidil
 2. Diazoxide
 3. Guanethedine
 4. Propranolol
- 29) Microorganisms usually make acetyl COA by oxidizing: /
1. Acetic acid
 2. Pyruvic acid
 3. α -ketoglutaric acid
 4. Fumaric acid
- 30) Hospital formulary consist of:
1. List of hospital staff
 2. List of equipments
 3. List of doctor
 4. None of these
- 31) Pick out the appropriate alimentary route of administration when passage of drugs through liver is minimized:
1. Oral
 2. Transdermal
 3. Rectal
 4. Intraduodenal
- 32) A change in an environmental parameter that generates a response is called:
1. Olfactory
 2. Touch
 3. Stimulus
 4. Labyrinth
- 33) Which of the following drug is a volatile substance that is administered by inhalation?
1. Thiopental
 2. Halothane
 3. Alprazolam
 4. Buspirone
- 34) VED stands for:
1. Virtual, Essential and desirable
 2. Vital, Essential and desirable
 3. Both of the above
 4. None of these
- 35) Disease which cannot be claimed to be cured under the schedule:
1. Schedule J
 2. Schedule M
 3. Schedule C
 4. None of these
- 36) The enzymes which are commonly used in genetic engineering are:
1. Exonuclease
 2. Ligase
 3. Both of the above
 4. None of these
- 37) Wave Number is a number of waves per:
1. Millimeter
 2. Centimeter¹
 3. Inch
 4. Meter
- 38) Which of the following is chief excretory organ?
1. Kidney
 2. Liver
 3. Heart
 4. Lungs
- 39) Supplies lead time between 02 weeks, the safety factor will be:
1. 1.0
 2. 2.0
 3. 3.0
 4. 4.0
- 40) A high ceiling diuretic having a furan ring system is:
1. Ethacrynic acid
 2. Furosemide
 3. Bumetanide
 4. Acetazolamide

- 41) Sulphur dioxide is used:
1. As colouring agent
 2. To prevent bitterness
 3. To prevent decomposition of gelatin shell
 4. None of these
- 42) The levorotatory isomer of atropine is:
1. Hyoscine
 2. Hyoscyamine
 3. Tropine
 4. Pseudotropine
- 43) Wursters process means:
1. Coacervation
 2. Pan coating
 3. Air suspension/
 4. Solvent evaporation
- 44) H in HEPA stands for :
1. High
 2. Higher
 3. Heavy
 4. None of these
- 45) Metallic sutures are made up of:
1. Stainless steel
 2. Silver
 3. Both of the above
 4. Magnesium
- 46) Which of the following salts will most likely yield an aqueous solution with a pH below
1. Sodium salicylate
 2. Atropine sulphate
 3. Potassium chloride
 4. Potassium penicillin
- 47) According to Higuchi model, drug release from porous matrix is directly related to
1. Time
 2. Square root of time
 3. Square of time
 4. Porosity
- 48) which one of these is not an antioxidant?
1. Sodium bisulphite
 2. Sodium bromide
 3. Sodium metabisulphite
 4. Sodium sulphite
- 49) A mechanism that can cause a gene to move from one linkage group to another is:
1. Translocation
 2. Inversion
 3. Crossing over
 4. Duplication
- 50) PHC stands for:
1. Pharmacy Health Centre
 2. Public Health Centre
 3. Pharmaceutical Health Centre
 4. Primary health centre
- 51) Stomatal index in Indian senna is in the range of:
1. 17 to 20
 2. 20 to 23
 3. 23 to 26
 4. 26 to 29
- 52) Which of the following analgesics is a phenanthrene derivative?
1. Fentanyl
 2. Morphine
 3. Methadone
 4. Pentazocine
- 53) Narcotics analgesics should:
1. Relieve severe pain
 2. Increase in pain
 3. Increase anxiety
 4. None of these
- 54) In HPLC valve that controls the solvent and back flow is:
1. Rotary valve
 2. Check valve
 3. Both of the above
 4. None of these
- 55) The stationary liquid phase used for non polar solutes in GLC is:
1. Polyethylene glycol
 2. Squalene
 3. Benzene
 4. Celite
- 56) A successful hybridoma can be produced by fusing of:
1. Plasma cells and plasmids
 2. Plasma cells and myeloma cells
 3. Myeloma cells and plasmids
 4. Plasma cells and bacterial cells
- 57) Preparation for oral use does not contain:
1. Sorbitol
 2. Glucose
 3. Phenol
 4. Glycerol
- 58) Millard reaction occurs between:
1. Hydrous lactose and amine
 2. Anhydrous lactose and amide
 3. Starch and amide
 4. Anhydrous lactose and phenol
- 59) The protein moiety of an enzyme is known as:
1. Holo enzyme
 2. Apo enzyme
 3. Co enzyme
 4. Enzyme
- 60) The weight uniformity limit for soft gelatin capsule upto 300 mg is:
1. 5%
 2. 7.5%
 3. 10%
 4. 20%
- 61) The polymorphic form III of riboflavin is times more soluble than the form I:
1. 10 times
 2. 20 times



3. 15 times
4. 18 times

62) Temperature in pasteurization is:

1. 72° C
2. 35.7° C
3. 56° C
4. 60.8°

63) Complete separation of tablet into two or more layers is called as:

1. Capping
2. Lamination
3. Picking
4. Mottling

64) The first and most widely used diluent in tablet formulation is:

1. Dextrose
2. Lactose
3. MCC
4. Starch

65) Which of the following contains in the blood?

1. Trypsin
2. Amylase
3. Haemoglobin
4. Lipase

66) Shellac is used for the purpose of coating tablets as:

1. Polishing agent
2. Film coating agent
3. Enteric coating agent
4. Sub-coating agent for sugar coating

67) Which of the following statements is true regarding the properties of benzyl penicillin?

1. Beta-lactum ring is not essential for activity
2. It is a broad spectrum antibiotic
3. It has a bactericidal activity/
4. None of these

68) Functional unit of gene that specifies synthesis of one polypeptide is:

1. Codon
2. Cistron
3. Recon
4. Muton

69) Glycosides are condensation products of:

1. Sugar + aglycone
2. Sugar + Protein
3. Protein + aglycone
4. Fats + aglycone

70) Which of the following statement is true in the given structure of methicillin.

1. There is no electron withdrawing group on the side chain, and so it is acid
2. It can be taken orally
3. It is more active than penicillin G
4. It has a broader spectrum of activity compared to penicillin G

71) The distance between each turn in the helical strand of DNA is:

1. 20 A0
2. 34 A0
3. 28 A0
4. 42 A0

72) Which one of the following includes details of the standards for surgical dressing?

1. Schedule Fii
2. Schedule M
3. Schedule G
4. Schedule P

73) The method of DNA replication proposed by Watson and Crick is:

1. Semi conservative
2. Conservative
3. Dispersive
4. Rolling loop

74) Colour of nitrous oxide cylinder is:

1. Blue
2. Grey
3. Black
4. Orange

75) in the Drugs and Cosmetics Act and Rules, the Schedule relating to GMP is:

1. Schedule M
2. Schedule C
3. Schedule Y
4. Schedule H

76) Most commonly used opacifying agent in capsule is:

1. Titanium dioxide
2. HPMC
3. Iron
4. None of these

77) Requirements and guidelines on clinical trials for import and manufacture of new drugs comes under:

1. Schedule Y
2. Schedule M
3. Schedule C
4. None of these

- 78) Compressible lactose is different from lactose by lacks of:
1. Disintegration
 2. Compressibility
 3. Porosity
 4. Viscosity
- 79) Drug with the presence of plasmodesma:
1. Nux vomica
 2. Rauwolfia
 3. Vinca rosea
 4. Physostigma
- 80) Micronization of spironolactone decreased the dose:
1. 20 times
 2. 10 times
 3. 15 times
 4. 18 times
- 81) Alkaloids are type of substances:
1. Acid
 2. Neutral
 3. Chemical
 4. Basic nitrogenous
- 82) Absorbable sutures is:
1. Fascialata/
 2. Nylon
 3. Dermal silk
 4. Silk
- 83) Acetyl Choline is hydrolyzed by enzyme:
1. Acetylase
 2. Cholinase
 3. Acetylcholinesterase
 4. Transferase
- 84) One of the following solvent is hydrophobic:
1. Glycerine
 2. Ethanol
 3. Dichloromethane
 4. Methanol
- 85) Plating of punch is done by:
1. Chromium
 2. Zinc
 3. Iron
 4. All of the above
- 86) Vitamin B3 is called:
1. Pantothenic acid
 2. Niacin
 3. Folic acid
 4. Ratinol
- 87) Which water soluble resins not used for microencapsulation?
1. Polyamide
 2. Gum Arabic
 3. Starch
 4. Poly vinyl alcohol
- 88) Which one of the following is NOT an ex-officio member of Pharmacy Council of India?
1. The Director General of Health Services
 2. The Director of Central Drugs Laboratory
 3. The Drugs Controller General of India
 4. The Director of Pharmacopoeia Laboratory
- 89) Nitrites are oxidized to nitrates by a microorganism:
1. Nitrosomonas
 2. Nitrosococcus
 3. Nitrobacter
 4. Azatobacter
- 90) Select the non-narcotic drug, which is a paraaminophenol derivative:
1. Analgin
 2. Aspirin
 3. Baclophen
 4. Paracetarnol
- 91) Amended Indian patent act 1970 is affected from:
1. 2005
 2. 2006
 3. 2007
 4. 2008
- 92) Which one of the following is used as a detector in IR?
1. Photomultiplier
 2. Gole Cell
 3. Both of the above
 4. None of these
- 93) Amount of blood passes through the Kidneys per minute is:
1. 5 ml
 2. 100 liter
 3. 1.2 liter
 4. 5 liter
- 94) DTAB stands for:
1. Drug technical advisory board
 2. Drug technical assisment board
 3. Dosage technical assisment board
 4. Dosage technical advisory board
- 95) Primaquine an antimalarial drug is synthesized starting from:
1. Phenol
 2. Anisole
 3. Hexamine
 4. Pentamine
- 96) Self-replicating, small circular DNA molecules present in bacterial cell are known as:
1. Plasmids
 2. Cosmids
 3. Plasmomeros
 4. Plastids
- 97) in TLC, Fluorescent Indicator is:
1. Zinc Silicate
 2. Zinc Stearate
 3. Zinc Sulphate
 4. None of these
- 98) Which of the following opioid receptor types is responsible for euphoria and respiratory depression?
1. Kappa-receptors
 2. Delta-receptors

3. Mu-receptors
 4. All of the above
- 99) OTC in the drug selling means:
1. One time clinic
 2. Over the counter drug
 3. Inspecting drug
 4. Prescription drug
- 100) Gene is a segment of:
1. RNA
 2. DNA
 3. Both of the above
 4. None of these



PHARMACY

INDIA

Questions	Answer
1	2
2	2
3	4
4	1
5	4
6	1
7	1
8	3
9	1
10	2
11	1
12	2
13	2
14	2
15	3
16	4
17	1
18	1
19	3
20	1
21	2
22	2
23	4
24	3
25	2
26	1

Questions	Answer
27	4
28	2
29	1
30	1
31	3
32	3
33	2
34	1
35	1
36	3
37	2
38	1
39	1
40	2
41	2
42	2
43	3
44	1
45	3
46	4
47	2
48	2
49	1
50	4
51	1
52	2
53	1

Questions	Answer
54	2
55	2
56	2
57	3
58	1
59	2
60	3
61	2
62	1
63	2
64	2
65	3
66	3
67	3
68	2
69	2
70	1
71	2
72	1
73	1
74	1
75	1
76	1
77	1
78	2
79	1
80	1

Questions	Answer
81	4
82	1
83	3
84	3
85	1
86	2
87	1
88	4
89	3
90	4
91	1
92	2
93	3
94	1
95	1
96	1
97	1
98	3
99	2
100	2