COMPUTER BASED TEST - 2023

JUNIOR ANALYST IN THE DRUGS TESTING LABORATORY PHARMACY / PHARMACEUTICAL SCIENCE (DEGREE STANDARD)

1.	Manufacture of drugs	specified in schedule C, C ₁ and X in form
	(A) 24C	(B) 18B
	(C) 27B	(D) 20C
	(E) Answer not known	
2.	The standards for cosmet	ics are laid down in schedule
	(A) X	(B) Y
	S S	(D) W
	(E) Answer not known	
		Fig. 1019 Commission Section 1.
3.	The schedule in Drugs R disinfectant fluids is	Rules, 1945 that deals with the standards for
	(A) Schedule B	(B) Schedule F
	Schedule O	(D) Schedule P
	(E) Answer not known	
		nu) Queblicares spetified in Parimson
1.	Good Manufacturing prac specified in schedule	tices for Ayurvedic, Siddha, Unani Medicines of the Drugs Rule, 1945.
	T	(B) V
	(C) X	(D) Y
	(E) Answer not known	
	Every Drugs Inspectors sh meaning of see	nall be deemed to be public servant within the ction of Indian Penal Code.
	(A) 22	21
	(C) 23	(D) 24
	(E) Answer not known	

6.	Pharmacy Council of India was constituted by the Central Government for the first time in 1949. It is reconstituted after every years.							
	(A)	4 (Four)	(B)	6 (Six)				
	(2)	5 (Five)	` `	3 (Three)				
	(E)	Answer not known						
7.	Documents carrying advertisements are prohibited under							
	(A) Consumer Protection Act, 2016							
	(B)	' Sea Customs Act, 1878						
	(C)	Drugs and Cosmetics Act, 19	40					
	(D)	Norcotic and Psychotropic Su	bstaı	nces Act, 1985				
	(E)	2) Answer not known						
		Talabated (3)						
8.	Registered Medical Practitioner is							
	(i)							
	(ii)	Qualification specified in Pharmacy Act, 1948						
	(iii)							
	(A)	(i) and (ii)	(B)	(i) and (iii)				
	(C)	(ii) and (iii)	(D)	(i), (ii) and (iii)				
	(E)	Answer not known						
9.	Drug	g technical advisory board was	cons	tituted under				
	(A)) Drugs and Magic Remedies Act, 1954						
	(B)							
	(9)	Drugs and Cosmetics Act, 194	10					
	(D)	Medical Termination of Pregn	ancy	Act, 1971				
	(E)	Answer not known						

10.	According to the schedule I of Drugs Price Control Order, Symbols P, S
	and T represents

- (A) Period, Stability and Testing of Drugs
- (B) Period, Size and Testing of Drug
- (C) Primary, Secondary and Testing of Drugs
- Primary, Secondary and Tertiary Levels
- (E) Answer not known

11. Pharmacoeconomics means

- Comparative study therapeutic value one pharmaceutical drug on drug therapy to another
- (B) Study of production, distribution and consumption of goods and services
- (C) Science deals with the financial outcome of the pharmaceutical agents
- (D) Study of growth of pharmaceutical market
- (E) Answer not known

12. Dealer means

- (i) Brand ambassador
- (ii) Purchaser
- (iii) Saler
- (iv) Wholesaler
- (v) Retailer
- (A) (i), (ii) and (iii), (iv)
- (B) (i), (iv) and (v), (iii)
- (ii), (iii) and (iv), (v)
- (D) (i), (ii), (iv) and (v)
- (E) Answer not known

13.	Drugs (Price Control) Order 2013 was made with the power mentioned in							
	(i) Drugs and Cosmetics Act, 1940							
	(ii) Essential Commodities Act, 1955							
	(iii) Shops and Establishment Act, 1954							
	(iv) Drug Price Control Order, 1995							
	(A) (i) and (ii) (B) (ii) and (iii)							
	(C) (i) and (iv) (ii) and (iv)							
	(E) Answer not known							
14.	The Central Government Fund utilized for combating illicit traffic and controlling the abuse of Norcotic and Psychotropic Substances, Known as							
	(A) Digital India Mission Fund							
	National Fund for Control of Drug abuse							
	(C) Aarogya Setu Fund							
	(D) National Urban Affairs Fund							
	(E) Answer not known							
15.	The Norcotic and Psychotropic Substances Act enacted by Parliament in which year of Republic of India?							
	(A) 38 (B) 36							
	(C) 40 (D) 26							
	(E) Answer not known							
	First red beauties) and other to the first right for this field of the							

16.	The	e President of State Pharmacy	Council is						
	(A)	Elected among the members							
	(B)	Nominated by the State Government							
	(C)	Elected by the members of Legislative Assembly							
	(D)								
	·(E)	Answer not known							
17.	men	sident, Vice President and obers are decided by	armacy Council of India consists of five other members. The five other						
	(A) Nomination of the President of Pharmacy Council of India								
	Election among the members of the Central Council								
	(C) Nomination by the Central Government								
	(D) Nomination by the Drugs Controller General India								
	(E)	Answer not known							
			week, and self-contemporate of our first						
18.	Phar section	macy Act has been divided ons.	into five chapters and						
	(A)	41	(B) 46						
	(C)	51	(D) 48						
	(E)	Answer not known							
19.	suppl	er the Pharmacy Act, 1948 y to the Central Council as soon as may be after the fi	each State Pharmacy Council shall copies of the register for the rst day of April of each year						
		Three	(B) Four						
	(e)]	Five	(D) Six						
	(E) A	Answer not known							

20.	Which one of the following is <u>not an</u> ex-officio member of Pharmacy Council of India?								
	(A)	(A) The Director of Health Services							
	(B)	(B) The Director of Central Drug Laboratory							
	(C)	(C) The Drugs Controller General of India							
	(D)	The Director of Pharmaeopoe	ea Laboratory						
	(E)	Answer not known							
21.		enyl Propane derivatives are hway.	bio-synthesised through						
	(A)	ACETATE	(B) MALONATE						
	(C)	MEVALONATE	SHIKIMIC ACID						
	(E)	Answer not known							
22.									
<i>4</i> 4.	In Embden-Meyerh off scheme of glycolysis, the number of acetate molecules produced by one glycose molecule are								
	(A)	1	(B) 2						
	(C)	3	(D) 6						
	(E)	Answer not known							
23.	The	key intermediate in the bio-sy	nthesis of Terpenoids is						
	(A)	SHIKIMIC ACID	(B) CINNAMIC ACID						
	(C)	BENZOIC ACID	(b) MEVALONIC ACID						
	(E)	Answer not known	apply on the Central Council.						

24.	Wh pat	ich enzyme converts glucose : hway?	into (Glucose 6-phosphate in Glycolysis
	(A)	Phosphogluco isomerase	(B)	Hexokinase
	(C)	Aldolase	(D)	Phosphoglycerokinase
	(E)	Answer not known		
25.	In I	Plant Tissue Culture, the then	mo-la	abile compounds are sterilised by
	(A)	Autoclave	(B)	Hot Air Oven
	(0)	Bacterial Filter	(D)	
	(E)	Answer not known		
26.	In P	rotoplast Culture, MANNITO	L is u	sed as
	(A)			Micro-Nutrient
	(0)	Osmotic Stabilizer		Plant Growth Regulator
	(E)	Answer not known		
27.	The Culti	chemical substance used to in ure is	duce	Protoplast fusion in Plant Tissue
	(A)	Sodium Chloride	(B)	Sodium Hypochlorite
	(0)	Poly-Ethylene Glycol	(D)	Sodium Carbonate
	(E)	Answer not known		
		Milela deingde in it is obegin		
28.	In Plainto a	ant Tissue Culture, the Genet an entire organism by regener	tic Po ation	tential of a Plant Cell to develop is termed as
		CALLUS FORMATION		RE-DIFFERENTIATION
	(e) !	TOTIPOTENCY		BIO-TRANSFORMATION
	(E) A	Answer not known		

29.	The specific effects ofin stem length.		are	cell elongation giving an increase					
	(A)	AUXINS	(B)	ABSCISIC ACID					
	(C)	ETHYLENE	(D)	CYTOKININS					
	(E)	Answer not known							
30.	KUROSAWA, a Japanese physiologist initiated the discovery of the plant growth regulator GIBBERELLINS from the Fungus, Gibberella								
	(A)	purpurea	(B)	, fujikuroi					
	(C)	gerardiana	(D)	amansii					
	(E)	E) Answer not known							
31.		plant growth regulator which sion is	plays	s a major physiological role in cell					
	(A)	CYTOKININS	(B)	AUXIN					
	(C)	ABSCISIC ACID	(D)	ETHYLENE					
	(E)	Answer not known							
32.	Which one of the following statements is TRUE?								
	(A)	A) Auxins help in the prevention of apical dominance							
	(B)	Effects of cytokinins are more specific on cell division							
	(C)	Gibberellins inhibit cell elongation and shorten plants							
	(D)	Gibberellic acid is also popula	arly r	eferred to as GA_{\perp}					
	(E)	Answer not known							

33.	In sta	Quantitative Microscopy, the Crude Drug LYCOPODIUM used as ndard contains spores per mg of the powder.
	(A)	94,000 (B) 96,000
	(C)	95,000 (D) 97,000
	(E)	Answer not known
34.	Sto	mata is made up of a minute epidermal opening called 'STOMA' rounded by shaped cells known as GUARD CELLS.
	(A)	PRISM (B) SPHERICAL
	(2)	KIDNEY (D) NEEDLE
	(E)	Answer not known
		All Total In 1988) By a State of the state o
35.	DIA	CYTIC type of stomata is present in the crude drug
	(A)	BELLADONNA (B) DIGITALIS
	(C)	PILOCARPUS (D) VASAKA
	(E)	Answer not known
36.	Add: adul	ition of citral to citrus oils like oil of lemon, oil of orange etc. is teration of the type
		Substitution of inferior commercial varieties
	(B)	Substitution of exhausted drugs
	(C)	Substitution of superficially similar but cheaper natural substances
	D	Use of synthetic chemicals to enhance or fortify the natural constituents
	(E)	Answer not known



37.	In Microscopical Evaluation, the reagent used for the detection of Mucilage is							
	(A)	Phloroglucinol and Concentra	ted Hydrochloric acid					
	(B)	Glycerin Water	7					
	(0)	Ruthenium Red						
	(D)	N_{50} IODINE						
	(E)	Answer not known						
38.	According to the Morphological classification of crude drugs, example of a drug which comes under the category of GUMS is							
	(A)	ALOES	(B) GELATIN					
	(C)	PALE CATECHU	(D) ACACIA					
	(E)	Answer not known	All majores to any All					
39.		unorganised Drug 'OPIUM' is ne plant.	obtained from	substance				
	(A)	Juice	(B) Latex					
	(C)	Gum	(D) Mucilage					
	(E)	Answer not known	i astri istrika, war					
			The second secon					

40	Ma	atch t	he cru	de dr	ug co	rrectly with the main chemical constituent
	pre	esent :				
	(a)	GLY	COSII	DES	1.	NUX-VOMICA
	(b)	ALK	ALOII	OS	2.	PALE-CATECHU
	(c)	TAN	NINS		3.	COLOPHONY
	(d)	RES	INS		4.	Senna .
		(a)	(b)	(c)	(d)	
	(A)	1	2	4	3	
	(B)	2	1	3	4	
	(0)	4	1	2	3	
	(D)	4	2	3	1	
	(E)	Answ	er not	knowr	ı	
41.	Imr	nunos ept	uppres	sants	are g	generally used for the following conditions
	(A)	Myas	sthenia	a gravi	s	(B) Systemic lupus erythematosus
	(2)	COP		Ü		(D) Psoriasis
	(E)	Ansv	ver not	know	n	
2.	Tacı	rolineu	is acts	by inh	ibitin	g - substant privatel are to dead to the
	(A)	DNA	and R	NA sy:	nthes	is
	(B)	T-cell	l prolif	eration	1	
	(C)					dy formation
	(D)		e abov			AMOUNT TELE MANAGEMENT (MI)

(E)

Answer not known

43.	Which is the longest acting Asthma?	$oldsymbol{eta}_2$ selective against used in Bronchial					
	(A) Isopsenaline	(B) Sulbutamol					
	Formoterol	(D) Ephedrine					
	(E) Answer not known						
44.	Mechanism of action of theophyllic in bronchial asthma is						
	(A) Beta ₂ against (β_2)						
	(B) Anticholinergic						
	Phosphodiesterase 4 inhil	oitor					
	(D) Inhibitory of mucocilliary						
	(E) Answer not known	gradentation comaste tely					
45.	High ceiling diuretics are useful in the treatment of following EXCEPT						
20.	(A) Generalized Edema	(B) Cerebral Edema					
	Pulmonary hypertension						
	(E) Answer not known						
		Description Calcinit (* 191)					
46.	Which of the following diuret failure?	ics contraindicated in congestive cardiac					
	(A) Furosemide	(B) Hydrochlorthiazide					
	(C) Spironolactone	(D) Mannitol					
	(E) Answer not known	tratego (c.,, e. 1, collin (albita b)					
47.	Which is not an antiplatelet dr	ug?					
	(A) Aspirin	(B) Clopidogrel					
	(C) Ticlopidine	(B) Streptokinase					
	(E) Answer not known						

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48.	ACI	E inhibitors causes mainly							
	1.	Hyperkalacmia, Hypotensio	n						
	2.	Dysgensia, Acute Renal Failure							
	3.	Nausea, Vomiting, Diarrhoe	a						
	4.	Scleroderma Crisis							
	(1)	1 and 2 only	(B) 3 and 4 only						
	(C)	3 only	(D) 4 only						
	(E)	Answer not known							
49.	redu	yasthenia gravis, the numbered to $\frac{1}{3}$ of normal or omuscular junction.	er of free receptors may be less and structural damage to the						
	(A)	α	ρ						
	(0)	μ	(B) β						
			Nm Nm						
	(12)	Answer not known							
50.	It is	a derivative of Dopamine, b	at not a D_1 or D_2 receptor agonist, it						
			tors and is a weak α agonist						
		Aspirin	(B) Barbiturate						
		Celecoxib	Dobutamine						
	(E) A	Answer not known							
51.	Which	n drug is a second generation	β blocker?						
		Propranolol	(B) Sotalol						
	(C) E	Esmolol	(D) Pindalol						
	(E) A	Answer not known							

52. Inhibitor of GABA-transaminase enzyme				ne
	(A)	Vancomycin	(B)	Valsartan
	(2)	Viga batrin	(D)	Vaso pressin
	(E)	Answer not known		
53.	Ben	zodiazepine antagonist		
	(A)	Flumazenil	(B)	Flurazepam
	(C)	Alprazolam	(D)	Clonazepam
	(E)	Answer not known		
54.		echol-o-methyl transferase (CO arkinsonism	MT)	inhibitor used in the treatment
	(A)	Methicillin	(B)	Entacapone
	(C)	Chloramphenicol	(D)	Clarithromycin
	(E)	Answer not known		
	A 1 1			
55.		hyde dehydrogenase inhibitor	(D)	El-manage
	(A)	Triazolam	(B)	Flurazepam
	(C)	Miclazolam	(95)	Disulfiram
	(E)	Answer not known		
56.	hydr		no te	e spanning helical segments of erminous of the chain lies on the eminous is on the cytosolic side
	(A)	Ion channel receptor		
	(B)	G-protein coupled receptor		
	(C)	Transmembrane enzyme linke	ed re	ceptor
	(D)	Nuclear receptor		
	(E)	Answer not known		
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57.	Mo is c	vement of the drug from its site alled	e of A	Administration into the circulation
	(A)	Protein binding	(B)	Absorption
	(C)	Cyclization	(D)	Tissue storage
	(E)	Answer not known		
58.	In I	Biotransformation reactions, ph	ase	l reaction is also known as
	(A)	Non synthetic reaction	(B)	Synthetic reaction
	(C)	Conjugation reaction	(D)	Acetylation reaction
	(E)	Answer not known		
59.	have	two drugs act on different rece e opposite overt effects on the rmacological effects in opposite	sam	s or by different mechanisms, but e physiological function, i.e. have ction
	(A)	Chemical antagonism	(B)	Physiological antagonism
	(C)	Physical antagonism	(D)	Synergism
	(E)	Answer not known		
60.	It re	fers to the capacity of a drug inistered to the pregnant moth	g to e	cause foetal abnormalities when
	(A)	Drug dependence	(B)	Teratogenicity
	(C)	Phototoxic	(D)	Drug Addiction
	(E)	Answer not known		u lann reen reen

61. The formula to calculate partition coefficient is

 $P = \frac{\text{Concentration of drug in octanol}}{\text{Concentration of drug in aqueous}}$

- (B) $P = \frac{\text{Concentration of drug in aqueous}}{\text{Concentration of drug in octanol}}$
- · (C) $P = \frac{1}{\text{Concentration of drug in octanol}}$
 - (D) $P = \frac{1}{\text{Concentration of drug in aqueous}}$
 - (E) Answer not known
- 62. Hammet substituent constant is not applicable to which of the following substituents?

(X) Ortho

(B) Meta

(C) Para

(D) Aromatic

- (E) Answer not known
- 63. A positive value for π (Substituent hydrophobicity constant) indicates which of the following?
 - (A) Substituent is equally hydrophobic as hydrogen
 - (B) Substituent is less hydrophobic than hydrogen
 - Substituent is more hydrophobic than hydrogen
 - (D) Substituent is equally hydrophillic as hydrogen
 - (E) Answer not known

64.		Hydrophobicity of a specific region (individual substituent) on the drug's skeleton is measured by any one of following factor					
	(A)		22 23 23 77 22 23 23 23 23 23 23 23 23 23 23 23 23				
	(B)		nstant)				
	(C)	,	iistaiity				
	(D)	π (Substituent hydrophobic	eity constant)				
	(E)	Answer not known	ity constant)				
65.	req		e important binding groups which are lative positions in space with respect to				
	(1)	Pharmacophore	(B) Scaffold				
	(C)	Analogs	(D) Ligand Fragments				
	(E)	Answer not known					
66.	Acet enzy	tylcholine, primary neurotra yme	nsmitter is rapidly hydrolysed by the				
	(A)	Serine decarboxylase	(B) Choline-N-Methyl Transferase				
	(C)	Monoamine oxidase	(P) Cholinesterases				
	(E)	Answer not known	g the bullet has been an on.				
67.	The Nore	enzyme which is not involve epinephrine	ed in biosynthesis of Epinephrine and				
	(A)	Tyrosine hydroxylase					
	B	Monoamine oxidase					
	(C)	Dopamine- β -hydroxylase					
	(D)	Phenyl ethanolamine-N-Metl	nyl transferase				
		Answer not known					

68.	Ben	zoin is used to prepare		
	(1)	Phenytoin	(B)	Chloral hydrate
	(C)	Diazepam	(D)	Carbamazepine
	(E)	Answer not known		
69.	Whi	ch of the following is used to sy	nthe	esize ephedrine?
	(A)	Benzaldehyde	(B)	Anthranilamide
	(C)	Piperazine	(D)	Phenylacetonitrile
	(E)	Answer not known		
70.	Whi	ch of the following is a cardiac	glyco	oside?
	(A)	Saponins	(B)	Digitoxin
	(C)	Aloe-emodin	(D)	Rhein
	(E)	Answer not known		
71.	Whi	ch of the following compound b	elon	gs to phenyl ethylamine alkaloid?
	(4)	Ephedrine	(B)	Papaverire
	(C)	Colorgene	(D)	Reserpine
	(E)	Answer not known		
72.	An e	xample for the anticancer pyri	midi	ne analogue
	(A)	Cladribine	(B)	Fludarabine
	(2)	Cytarabine	(D)	Methotrexate
	(E)	Answer not known		

13	. The sulphonamide used for	r local infections is
	(A) Sulphacetamide	
	(B) Sulphamethizole	
	(C) Sulphathiazole	
	(D) Trimethoprim with s	ulphamethoxazole
	(E) Answer not known	
74.	Which of the following dru	g is a proton pump inhibitor?
	(M) Omeprazole	(B) Cetrizine
	(C) Ketotifen	(D) Chromolyn sodium
	(E) Answer not known	
75.	Which are C. I. C. II	tico est alsimini mener populare, inscinencia culti pri-
10.	Antipsychotics?	ving drug is phenothiazine compounds of
	(A) Sulforidazine	(B) Clozapine
	Chlorpromazine	(D) Pipradrol
	(E) Answer not known	remains and interplant bloom again and and the
76.	Identify the antiviral dru	g which acts by inhibiting Non-Nucleoside
	reverse transcriptase	g which acts by inhibiting Non-Nucleoside
	(A) Acyclovir	(B) Ribavirin
	Delaviridine	(D) Lopinavir
	(E) Answer not known	
77.	Isocarboxayid, antidepressa	nt CNS drug inhibits
	(A) Nor epinephrine	MAO (Monoamine oxidase)
	(C) Serotonin	(D) Dopamine
	(E) Answer not known	

78.	An	spiro antifungal antibiotic used	in t	reatment of ringworm infections
	(A)	Natamycin	(B)	Naftifine
	(C)	Nystatin	(D)	Griseofulvin
	(E)	Answer not known		
79.		aziridine containing anticance rian, bronchogenic carcinoma a		ug used for treatment of breast, nalignant lymphomas
	(A)	Cyclophosphamide	(B)	Decarbazine
	(2)	Thiotepa	(D)	Carmustine
	(E)	Answer not known		
80.	The	chemical groups responsible fo	r exe	erting cardiotonic activity is
00.	(A)	OH group at C_{14}		Phenantherene ring
	ì			Aglycone
	(C)	Glycone		Agrycone
	(E)	Answer not known		
81.		he citric acid fermentation procession carried	resei	nce of following metal decreases
	(A)	Magnesium	(B)	Molybdenum
	(8)	Manganese	(D)	Sodium
	(E)	Answer not known		
82.		corn steep liquor medium use uction of penicillin provide all		the fermentation process for the following except
	(A)	oil	(B)	peptide
	(C)	amino acids	(D)	amines
	(E)	Answer not known		

83.	Vitamin B_{12} was obtained as antibiotic	a by product during fermentatio	n of
	(A) Penicillin	Character .	
	(C) Kanamycin	Streptomycin	
		(D) Neo mycin	
	(E) Answer not known		
84.	Which of the following is a polysa	accharide?	
	(A) Dextron	(B) Fibrinogen	
	(C) Fibrin	(D) Thrombin	
	(E) Answer not known		
85.	Which is the enzyme which conve	erts fibrinogen to fibrin?	
	(A) Human plasminogen	(B) Calcium alginate	
	Human Thrombin	(D) Gelatin	
	(E) Answer not known	Tai represente auto L'Our	
86.	Which of the following is a natura	ally occurring anticoagulant?	
	(A) Acid-Citrate-Dextrose	(B) Disodium Edetate	
	(C) Heparin	(D) Fibrin foam	
	(E) Answer not known	(=) = 121111 104111	
37.	The following are known as Antico	nagulants excent	
	(A) CITRATES	FIBRIN	
	(C) DISODIUM EDETATE		
	(E) Answer not known	(D) HEPARIN	
	2) THIS WOL HOU KHOWH		

	7033	0.77		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1				
88.	The	The following are the properties of an ideal plasma substitute except						
	(A)	High rate of excretion or destruction by the body						
	(B)	Viscosity similar to that of plasma						
	(C)	Same colloidal osmotic pressu	ure as	s whole blood				
	(D)	Free from toxicity, antigenici	ty an	d pyrogenicity				
	(E)	Answer not known						
89.	Whi	ich of the following is the solub	le coi	nstituent of plasma?				
	(A)	Fibrinogen	(B)					
	(C)	Gamanaglobulin	(D)	Albumin				
	(E)	Answer not known						
90.	Ora	Oral Typhoid Vaccine (Typhoral) is a						
	(1)	Live vaccine	(B)	Killed vaccine				
	(C)	Sub unit vaccine	(D)	Toxoid				
	(E)	Answer not known						
01	Λ t-	ihadiaa that nautraliga ayatayi	na nu	oduco				
91.	Ant	Antibodies that neutralise exotoxins produce						
	(T)	Artificially produced passive immunity						
	(B)	Naturally acquired passive immunity						
	(C)	Artificially stimulated active						
	(D)	Naturally acquired active im	muni	ty				
	(E)	Anguar not known						

	(A)	A) Natural immunity	
	(B)	Artificially simulated active immunity	
	(C)		
	(D)) Artificially produced passive immunity	
	(E)	2) Answer not known	
93.	Bak of t	abies show higher resistant to chicken pox. This is example for withe immunity?	hich
	(A)) Naturally occurring active immunity	
	(P)	Naturally occurring passive immunity	
	(C)	Naturally acquired active immunity	
	(D)	Artificially produced active immunity	
	(E)	Answer not known	
94.	Teta	tanus immunoglobulin is administered through	
	(A)		
	(C)		
	(E)	Answer not known	
95.	The	e concentration of poviodine iodine that can be used as a disinfecta	nt.
	(A)		
	(C)	20%	
	(E)	Answer not known	

Vaccination is an example for

92.

96.		The European pharmacopoeia specifies a temperature of 22 to 25°C for incubation of						
	(A)	Bacteria	(B)	Virus				
	(C)	Plasmodium	(D)	Fungi				
	(E)	Answer not known						
97.	Nar	ne the culture media used for the	he de	etection of Aerobes				
	(A)	Cooked meat media	(B)	Semi cooked meat media				
	(2)	Peptone Broth	(D)	Liver Broth				
	(E)	Answer not known						
		e samplement e						
98.	In o		ing j	preservatives are used of 0.1 %				
	(A)	Benzoic Acid	(B)	Cetrimide				
	(C)	Chlorocresol	(D)	Sodium Benzoate				
	(E)	Answer not known						
99.	Whi	ch of the following gas is used a	as ba	ctericide?				
	(4)	Chlorine gas	(B)	Bromine gas				
	(C)	Iodine gas	(D)	Flurine gas				
	(E)	Answer not known						
100.	Mois	st heat sterilization condition in	ı aut	oclave is				
	(A)	15 lb steam pressure (121.5°C) for	10 min.				
	(B)	20 lb steam pressure (126.5°C) for	10 min.				
	(C)	10 lb steam pressure (115.5°C)) for	20 min.				
	(B)	15 lb steam pressure (121.5°C)) for	20 min.				
	(E)	Answer not known						

101	. The Hal	e system of medicine develope hnemann is	ed by	Dr. Samuel Christian Friedrich
	(A)	Aromatherapy	(B)	Homoeopathy
	(C)	Unani	line and the	Chinese
	(E)	Answer not known		
102.	Hon	neopathic remedies are made ı	using	
	(A)	Dilution	(B)	Concentration
	(C)	Extraction	(D)	Solidification
	(E)	Answer not known		
103.	Cam	aphor oil are prepared by		1991 The change start are of these
	(A)	Boiling	(B)	Room temperature extraction
	(2)	Stream distillation	(D)	Cold Maceration
	(E)	Answer not known	(D)	Cold Wateration
104.	The comp	chromatographic technique oounds is	used	to isolate and analyse volatile
	(A)	thin layer chromatography	(B)	paper chromatography
	(C)	column chromatography	_	gas chromatography
	(E)	Answer not known		
105.	Carbo	ondioxide gas is used as extra	cting	solvent in
		Microwave assisted extraction		
		Super critical fluid extraction		
		Answer not known	()	The state of the s
	4			

106.	_	method of extraction of volation as	tile	oil by digestion	in melted	fat is
	(A)	eucelle	(B)	distillation		
	(2)	enfleurage	(D)	expression		
	(E)	Answer not known			nami: , ibi	
				in the knowledge of the	wand (El)	
107.	Arte	emisin is a sesquiterpene lacton	e wi	th an	_ moiety.	
	(A)	indole	(B)	epoxide		
	(8)	endoperoxide	(D)	hydrocarbon		
	(E)	Answer not known				
108.	The	therapeutic use of reserpine is				
	(A)	anticancer	(B)	purgative	and quest?	
	100	antihypertensive	(D)	antimalarial		
	(E)	Answer not known				
109.	The	aglycone part of rutin is				
	M	quercetin	(B)	rutinoside		
	(C)	serpentine	(D)	sitosterol		
	(E)	Answer not known				
110.	Sant	onica is the synonym of				
	(A)	Sandalwood	(B)	Dioscorea		
	(C)	Taxus	(D)	Artemisia		
	(E)	Answer not known				

111. Diferuloylmethane is otherwise	known as
(A) Citral	(B) Rutin-I
Curcumin-1	(D) Turmerone-1
(E) Answer not known	mers d'an resent de 197
112. Musabbar is the synonym of	
(A) Pale catechu	(B) Colophony
(C) Belladonna	Aloes
(E) Answer not known	
113. Sweet taste of liquorice is due to	the presence of
(A) liquiritin	(B) isoliquiritin
glycyrrhizin	(D) flavanoids
(E) Answer not known	
114. Cinnamic acid is absent in	
(A) Sumatra benzoin	(B) Styrax benzoin
(C) Styrax paralleloneunus	Siam benzoin
(E) Answer not known	Line and districts appropriately and the second
115. Gambier fluorescin is present in	
(A) Black catechu	(B) Asafoetida
(2) Pale catechu	(D) Colophony
(E) Answer not known	All the transfer of the second
16. Pyrrolidine and piperidine ring is	present in
(A) Atropine	(B) Quinidine
(C) Diosgenin	(D) Aloin
(E) Answer not known	

Pharmacy / Pharmaceutical Science

[Turn over

117.	Dra	gendroff's reagent used for the	dete	ction of alkaloids contains		
	(1)	Potassium bismuth iodide	(B)	Potassium mercuric iodide		
	(C)	Picric acid	(D)	Potassium nitrate		
	(E)	Answer not known				
118.	Asat	foetida contains 40-65 percenta	ge of	Company of the action of the afficient		
	(A)	gum	(B)	volatile oil		
	(6)	resin	(D)	tannin		
	(E)	Answer not known				
119.		ition of ferric chloride and dilu ger's Test is to bring	ite h	ydrochloric acid in modified Born		
	(A)	reduction	(B)	reductive hydrolysis		
	(2)	oxidative hydrolysis	(D)	decarboxylation		
	(E)	Answer not known				
120.	Cho	ose the right statement among	the i	following about digitalis leaves		
	1.	It should contain not more that	an 5%	% of moisture.		
	2.	. The leaves should be dried above 60°C				
	3.	It contains a sugar digitoxase				
	4.	It belongs to the family Beribe	erida	ceae		
	(A)	1 and 2 are correct	(B)	1 and 3 are correct		
	(C)	2 and 3 are correct	(D)	3 and 4 are correct		
	(E)	Answer not known				

121	. Wh	ich of the following is used	d in the tr	creatment of Arsenic Poiso	oning?
	(A)	Dimercapol		3) Calcium Disodium ede	
	(C)	Desferioxamine		D) Deferiprone	
	(E)	Answer not known			
100	0				
122.	gast	ingestion of following acu roenteritis and acute tub	ite poison ular necro	ning leads to severe haer rosis	norrhagio
	(A)	Lead Poisoning		Mercury Poisoning	
	(C)	Arsenic Poisoning) Iron Poisoning	
	(E)	Answer not known			
123.	Whic	ch of the following to be su	applemen	nted with methotrexate?	
	(A)	Folinic acid rescue	(B)) Vit. B ₁₂	
	(C)	Vit. B_6) Vit. B ₁	
	(E)	Answer not known		hateral lice rate, 15.	
124.	Tume	our lysis syndrome usuall	y occurs i	in and	
		Myelomas and Neuroblas			• •
		Leukaemias and Lympho			
		Adenomas and Carcinoma			
	(D)	Melanomas and Lymphor	nas		
	(E)	Answer not known			
	It is Trypa	a first choice drug nosomiasis	g for ea	early Haemolymphatic	African
	(A) I	Eflornithine	(B)	Pentamidine	
3	2) 5	Suramin	(D)	Melarsoprol	
((\mathbf{E}) A	Answer not known			

The	following one of the drug which	n bel	ongs to primarily bacteriostatic
(A)	Penicillins	(B)	Erythromycin
(C)	Vancomycin	(D)	Cotrimoxazole
(E)	Answer not known		
Pron	ninent indications of cefotaxime	e is	
(1)	Meningitis	(B)	Skin and soft tissue infection
(C)	Bronchitis	(D)	Stomatitis
(E)	Answer not known		
The	following one of the dose of	Asp	pirin irreversibly inhibits TXA ₂
prod	uction		
(A)	75-200 mg	(B)	75-150 mg
(2)	75-100 mg	(D)	75-300 mg
(E)	Answer not known		
	1	re se	elective agonists at
(A)	5-HT _{1A} receptor	(B)	5-HT _{1F} receptor
(8)	5-HT _{1D} receptor	(D)	5-HT _{2A} receptor
(E)	Answer not known		
			ntenus kan terren A (a)
	9		
		-	LTD ₄ and LTC ₄
		(D)	LTC ₄ and LTE ₄
			4
(1)	THIS WOL HOU KHOWH		
	(A) (C) (E) Pron (C) (E) The prod (A) (E) Sum recep (A) (E) The fand a (A) (C)	 (A) Penicillins (C) Vancomycin (E) Answer not known Prominent indications of cefotaxime (A) Meningitis (C) Bronchitis (E) Answer not known The following one of the dose of production (A) 75-200 mg (B) 75-100 mg (C) Answer not known (D) Sumatriptan and its congeners at receptor. (A) 5-HT_{1A} receptor (B) For indication of slown (C) LTB4 and LTC4 	(C) Vancomycin (E) Answer not known Prominent indications of cefotaxime is (A) Meningitis (B) (C) Bronchitis (D) (E) Answer not known The following one of the dose of Asproduction (A) 75-200 mg (B) (C) Answer not known (B) (C) Total and its congeners are serieseptor. (C) E) Answer not known Sumatriptan and its congeners are serieseptor. (C) Answer not known The following peptide leukotrienes which and are primary component of slow reaction. (A) LTA4 and LTB4 (C) LTB4 and LTC4 (D)

131	. Co	Colchinine is an antigout drug which				
	(4)	preventing granulocyte migration into the inflammed joint				
	(B)					
	(C)					
	(D)			f Leukocytes into the inflammed		
	(E)	Answer not known				
132.	. The	e following dose of Prednisolone derate rheumatoid arthritis	is t	he standard DMARD treatment in		
			(D)			
		7.5 mg/day		5.5 mg/day		
		3.5 mg/day	(D)	1.5 mg/day		
	(E)	Answer not known				
133.	The for t	following one of the bisphosp reating Paget's disease and for	hona trea	ate drug which is more preferred ating ectopic ossification		
	(A)	Alendronate		Risedronate		
	(C)	Ibandronate	(D)	Etidronate		
	(E)	Answer not known				
134.	Whic	ch antithyroid drug is preferred	d in	pregnancy?		
445.	(A)	Propylthiouracil	(B)	Iodine		
	(C)	Carbimazole	(D)	Methimazole		
	(E)	Answer not known		had be an experience of the same		

135.	Dut	tasteride which belongs to		
	(A)	Competitive inhibitor of both	type	s of 5- $lpha$ reductase (I and II)
	(B)	Androgen receptor antagonis		
	(C)	$lpha_1$ -adrenoceptor antagonist		
	(D)	$5-\alpha$ reductase inhibitor		
	(E)	Answer not known		
136.	Dru	gs which inhibit thyroid hormo	ne p	roduction
	(A)	Perchlorates	(B)	¹³ Iodine
	(2)	Propylthiouracil	(D)	Ipanoic acid
	(E)	Answer not known		
137.	Ultı	ra short acting Insulin analogu	e	
	(A)	Insulin aspart		Crystalline Zinc Insulin
	(C)	Insulin glargine	(D)	Isophane insulin
	(E)	Answer not known		stanishenia U.I.
138.	Dru	g of choice for Gastroesophages	al ref	lux disease
	(A)	Proton Pump Inhibitor		Antacids
	(C)	H ₂ receptor antihistamine	(D)	Ulcer protectives
	(E)	Answer not known		
139.		following one of the drug wh used to improve feeding in Ca		s an appetite stimulant and has
	(A)	Dexamethasone		Tetrahydro cannabinol
	(C)	Diazepam	(D)	Dronabinol
	(E)	Answer not known		
	` /			

140). Noi	n specific antidiarrhoeal drugs	which has antimotility effect
	(A)	Racecadotril	(P) Loperamide
	(C)	Ispaghula	(D) Octreotide
	(E)	Answer not known	at productivities in program (4)
141	. In N	NMR, spin quantum number is	s 1 when
	(A)	Mass number is odd and ator	
	(B)	Mass number is even and ato	
	(2)	Both mass and atomic number	
	(D)	Mass number is odd and aton	
	(E)	Answer not known	
142.	Bath	nochromic shift is also known a	as
	(A)	Blue Shift	(B) Green Shift
	(C)	Yellow Shift	(P) Red Shift
	(E)	Answer not known	
143.	The	reagent used in the colorimetr	ia datamination of E-2+ :
	4 4 4	Dithizone	(B) Thiourea
	` /	Potassium Periodate	1, 10-Phenanthroline
		Answer not known	i, 10-Phenanthroline
	(11)	THIS WEI HOU KHOWH	
11	Thom	andiation access and it is	
.44.		radiation source used in atomic	
		Nernst glower	Hollow cathode lamp
		Tungsten lamp	(D) Globar
	(E) A	Answer not known	

145.	The	shift of absorption towards sh	orter	wavelength is called
	(A)	Hyperchromic shift	(B)	Bathochromic shift
	(C)	Hypochromic shift	(D)	Hypsochromic shift
	(E)	Answer not known		pleased that personal in the
146.	All	of these are factors affecting fl	uores	cence intensity except
	(A)	Concentration	(B)	Temperature
	(2)	Pressure	(D)	Viscosity
	(E)	Answer not known		temperate betat excess of total (1994)
147.	In G	as-Liquid Chromatography th	e pri	nciple involved is
	(A)	Adsorption		Absorption
	(C)	Occlusion	(D)	Partition
	(E)	Answer not known		
148.		rong acid cation exchange res meric matrix.	sin ha	as group attached to
	(4)	SO_3H	(B)	СООН
	(C)	Cl^-	(D)	OH-
	(E)	Answer not known		
149.		volume of carrier gas require the column is known as	ed to	elute one-half of the compound
	(A)	Retention volume	(B)	Adjusted retention volume
	(C)	Net retention volume	(D)	Specific retention volume
	(E)	Answer not known		

150	0. Th inj	ne time of emergence of the ection is known as	peak	maximum of a component after
	(A)		- (B	Adjusted retention time
	(C)	Retention time	(D	
	(E)	Answer not known	(2)	, ~pecific retention time
				Times and a surround of the first
151	. Co.	lumn efficiency is expressed qu	ıantii	tatively by the number of
	(A)		(B	
	(2)	theoretical plates) peaks
	(E)	Answer not known	(1)) peaks
	\ /			
152	. Coi	unter Current Distribution (CC	'D) +.	
	(A)			echnique is used in
		Partition Chromatography		
	(C)			
	(D)	Ion exchange Chromatograph		
	(E)	Gel-Filtration Chromatograp	hy	
	(15)	Answer not known		
153.	In F	IPLC, the mode of elution is	4	when only one particular
	SOIV	ent or mixture is pumped thro		
	((())	Isocratic		Gradient
	(C)	Isotonic	(D)	Isoosmotic
	(E)	Answer not known		
54.	Thio	glycerol is used to mask		
	(A)	Barium	(B)	Calcium
	(2)	Copper	(D)	Magnesium
	(E)	Answer not known		

155.	The	primary standard for standardization of perchloric acid	is
	(A)	Potassium hydrogen phthalates	
	(B)	Sodium carbonate	
	(C)	Arsenic trioxide	
	(D)	Potassium chromate	
	(E)	Answer not known	
156.		is used as indicator electrode.	
	(A)	Mercury sulphate electrode	
	(B)	Calomel electrode	
	w	Glass electrode	
	(D)	Silver-Silver Chloride electrode	
	(E)	Answer not known	
157.	EDT	TA forms complexes with metal ions.	
	(A)	1:3 (B) 1:2	
	(C)	2:1	
	(E)	Answer not known	
158.		process of impurity precipitates getting associated with the cipitate being separated is called	ne
	(A)	Post-precipitation (B) Nucleation	
	(8)	Co-precipitation (D) Crystallisation	
	(E)	Answer not known	

159)	is a sequestering age	nt.	
	(A)	Potassium cyanide	B	EDTA
	(C)	Sodium acetate	(D) Calcium sulphate
	(E)	Answer not known		
160	. Wh	ich of the following determinallysis?	ation	is not possible with gravimetric
	(A)	Chloride as Silver Chloride		
	(B)	Aluminium as Aluminium Ox	cide	
	(C)	Calcium as Oxalate		
	(D)	Silver in Silver alloy		
	(E)	Answer not known		
				in a lie Lighter Library
161.	Whi	ch alcohol is converted to ketor	na (a	cetone) in Oppanuer Oxidation?
	(A)	Primary Alcohol		Secondary Alcohol
	(C)	Tertiary Alcohol		Quarternary Alcohol
	(E)	Answer not known	(D)	quarternary Alcohor
62	Carl	oonyl compounds are converted	+0 h	
.02.	1.	Clasien reaction	101	ly drocarbons by
	2.	Clemmensen reduction		
	3.	Birch reduction		
	4.	Wolff Kishner reduction		
	(A)	Only 2 is correct	(D)	Orales 1 is some of
	(9)	Both 2 and 4 are correct	(B)	Only 1 is correct
•	(E)	Answer not known	(D)	Both 1 and 3 are correct
		THIOWOI HOURINGWII		

163.	1.00	lic ketones undergo ring exp l, the reaction being named as	pansion when treated with hydrazoid
	1.	Schmidt rearrangement	
	2.	Beckmann rearrangement	
	3.	Wittig rearrangement	
	4.	Claisen rearrangement	
	(A)	Only 2 is correct	Only 1 is correct
	(C)	Both 1 and 2 are correct	(D) Both 1 and 4 are correct
	(E)	Answer not known	
104	mı		
164.		naming reaction in which c razoic acid takes place is	onversion of ketones to amides using
	(A)	Birch reduction	Schmidt reaction
	(C)	Beckmann rearrangement	(D) Schotten-Baumann reaction
	(E)	Answer not known	
165	017	M Sodium hydroxide is standa	rdised using which of the following?
100.	W	Potassium hydrogen phthala	The second secon
	(B)	Potassium oxalate	
	(C)	Sodium carbonate	
	(D)	Potassium carbonate	
	(E)	Answer not known	
166	011	M Sodium nitrite is standardiz	vod using
100.	(A)	Sulphuric acid	ded dailing
		Sulfanilic acid	
	(C)	Potassium hydrogen phthala	to
	(D)	Potassium oxalate	
	(E)	Answer not known	
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167.	Mag	galdrate is a combination of		
	(A)	Magnesium and aluminiuno	oxide	
	(B)	Magnesium and calcium		
	(9)	Aluminium and Magnesium	hydro	oxide
	(D)	Aluminium and Sulphate sod	lium	
	(E)	Answer not known		
168.	Sodi	um fluoride is assayed by		
	(A)	Redox titration	(B)	Complexometric
	(0)	Non-aqueous titration	(D)	Acid-base titration
	(E)	Answer not known		
169.	Calc	ium hydroxide is also known a	ıs	
	(A)	Shell stone	(B)	Limestone
	(C)	Quick lime	(D)	Slaked lime

170. Milk of magnesia is prepared from

Answer not known

(A) MgO and NaOH

(E)

- (B) Heavy MgO, MgSO $_4$ and Ca(OH) $_2$
- MgSO₄ and NaOH
- (D) $MgSO_4$ and MgCl
- (E) Answer not known

171. The presence of silver as impurity in bismuth salt is derived from of the following?		
	(A)	Decomposed product
	(B)	Metabolic product
	(8)	Laid down process of manufacture
	(D)	From construction of plant
	(E)	Answer not known
172.	In th	ne limit test for sulphate what is the purpose of using ethanol
	(A)	increases sensitivity of test
	(B)	increases solubility product of ${ m BaSO_4}$
	(0)	prevents super saturation
	(D)	enhances super saturation
	(E)	Answer not known
172	The	barium sulphate reagent contains
170.		Barium chloride, sulphate-free alcohol and potassium sulphate
	(B)	Calcium sulphate, ethanol, sodium chloride
	(C)	Barium sulphate, methanol, Sodium chloride
	(D)	Sodium acetate, potassium chloride, methanol
	(E)	Answer not known
	(11)	ZHISWEI HOURHOWH
174.		is a measure of how close the experimental values are to
	4	other.
		Precision (B) Range
	` '	Accuracy (D) Ruggedness
	(E)	Answer not known

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175	5. In medicines, the frequently used unit of Radioactivity is						
	(A)			Becquerel			
	(C)	Newton	(D)	Newton meter			
	(E)	Answer not known					
176	. Cob	oalt 57 and Cobalt 58 radio isot following?	topes	are used in diagnosis of which of			
	(A)	Liver Cirrhosis	(B)	Gout			
	(0)	Pernicious anemia	(D)	Polycythemia			
	(E)	Answer not known					
177.	Rad	Radioactivity can be deducted by use of instruments like					
	1.	G-M counters					
	2.	Proportional counters					
	3.	Mass spectrometer					
	4.	Photographic plate and X-ray					
	(A)	1 and 2	(B)	3			
	(C)	3 and 4	(D)	1 and 3			
	(E)	Answer not known					
178.	Atom calle	ns which have same mass num d	nber	but different atomic number are			
	(A)	Isotopes	(B)	Isobars			
	(C)	Isotones	(D)	Isomoles			
	(E)	Answer not known					

179.	79. Young's Rule calculates the paediatric dose of drugs in relation to			dose of drugs in relation to				
	(A)	Body weight of the child	(B)	Body surface area of the child				
	(C)	Height of the child	(1)	Age of the child				
	(E)	Answer not known						
180.		The difference in potential between the surface of the tightly bound layer and the electroneutral region of the solution is defined as						
	(A)	Sediment volume	(B)	Zeta potential				
	(C)	Brownian movement	(D)	Dispersion of particles				
	$(E)^{r}$	Answer not known						
181.	The	solution with same iso-osmotic	e wit	h blood plasma is known as				
	(A)	Hypotonic	(B)	Isotonic				
	(C)	Hypertonic	(D)	Paratonic				
	(E)	Answer not known						
182.		common size reduction met	hod	in the pharmaceutical industry				
	(A)	The Ball mill	(3)	The Roller mill				
	(C)	The Cutter mill	(D)	The fluid energy mill				
	(E)	Answer not known						
183.	The following equipment used for concentration of insulin and liver extracts are							
	(A)	Evaporating stills	(B)	Forced circulation evaporations				
	(C)	Evaporating pans	(D)	Short tube evaporator				
	(E)	Answer not known						

184	(A) (C) (E)	nulsion, if emulsion globules are 70% v/v 80% v/v	e per	be occupies by dispersed phase in fect sphere 74% v/v) 65% v/v
185	. Cer	rtain suspension with a high pore	ercer with	ntage of dispersed solids exhibit an increasing rates of shear such
	sys	tems actually increase in volur	ne w	hen sheared and arc termed as
	(A)			Dilatant
	(C)	Plastic	•	Newtonian
	(E)	Answer not known		
186.	The exce	e following diameters are rela ept	ated	to equivalent spherical diameter
	(A)	Surface diameter	(B)	Projected diameter
	(C)	Stokes diameter		Reynolds diameter
	(E)	Answer not known		
.87.	Fish	er subsieve sizer is used to det	erm	ine
	(A)	Surface area	(B)	Surfacē number
	(C)	Volume number	(D)	Particle shape
	(E)	Answer not known		
88.	The	solids content of parenters except for insoluble for	al s	uspensions is usually between of penicillin.
	(4)	0.5 and 5.0% (w/v)		0.1 and 0.5% (w/v)
	(C)	50 and 75% (w/v)	(D)	75 and 80% (w/v)
	(E)	Answer not known		

189.	Alizarine is a reddish yellow dye obtained from					
	(A)	Madder plant	(B)	Carrots		
	(C)	Saffron	(D)	Annatto seeds		
	(E)	Answer not known				
190.	The	most common example of a del	layed	action tablet product are		
	(A)	Sugar coated tablet	(B)	Film coated tablet		
	(C)	Chewable tablet	(D)	Enteric coated tablet		
	(E)	Answer not known				
191.	More	e than 60% of alcohol con	cent	ration present in alcoholic o		
	hydr	coalcoholic solution of volatile s	ubst	ances is known/defined as		
	(A)	ELIXIR	(B)	THORAT PAINT		
	SOF	SPIRIT	(D)	LINIMENT		
	(E)	Answer not known				
192.	Para	ffin was is also called as				
	(A)	Candelilla wax	(3)	Petroleum wax		
	(C)	Carnauba wax	(D)	Ozokerite wax		
	(E)	Answer not known				
193.	The f	following container is more sat	isfac	tory for throat pain		
	(A)	Colourless glulted bottle	(B)	Collapsible tube		
	(2)	A wide-moulted ribbed jaw	(D)	Nozzle-type applicator		
	(E)	Answer not known				

194	. The	e USP specifications for light-revide protection against	esist	ant containers require the glass to angstroms of light.
	(A)	1000 to 2000 angstroms		0100 to 0900 angstroms
	(C)	2000 to 2800 angstroms		2900 to 4500 angstroms
	(E)	Answer not known		
195.	The	injections given in same area	leads	s to
	(A)	Lipodystrophy		Encephalopathy
	(C)	Allergy	-	Hyperlipidemia
	(E)	Answer not known		
196.	The	acronym API stands for (as pe	r 21	CFT part 211)
	(A)	Available Pharmaceutical Ing		
	B	Active Pharmaceutical Ingred		
	(C)	Active Pharmacological Ingre-		
	(D)	Active Pharmacological Intern	medi	ate
	(E)	Answer not known		
197.	The office	head quarters the numbers of sand laboratories of CDSCO a	f zon are	al offices, sub-zonal offices, port
	(4)	Delhi and 6, 4, 13, 7	(B)	Bombay and 4, 6, 7, 13
	(C)	Chennai and 6, 4, 13, 7		Kolkatta and 4, 6, 13, 7
	(E)	Answer not known		and the control of the state of

- 198. Vaccines are stored in
 - (A) Cool temp. (8-25°C)
 - (B) Freezing temp ($< 0^{\circ}$ C)
 - Cold storage (2 to 10°C)
 - (D) Room temp. (temperature prevailing in working area)
 - (E) Answer not known
- 199. The enzyme present in the tears is
 - (A) Lysozyme

(B) Monozyme

(C) Lactozyme

- (D) Lyozyme
- (E) Answer not known
- 200. Statement A:

In Alzet Pump, the drug reservoir is a liquid solution inside an impermeable collapsible polyester bag coated with a layer of an osmotically active salt.

Statement B:

In Alzet Pump, as the salt dissolves, it creates an osmotic pressure gradient and the drug compartment is reduced in volume, forcing the drug solution out.

- (X) Statement A and B are true
- (B) Statement A is true but B is false
- (C) Statement A and B are false
- (D) Statement A is false but B is true

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(E) Answer not known