	Register Number					
2019						
PHARMACY / PHARMACEU	ITICAL	LSC	TEN	CES		

(Degree Std.)

Time Allowed: 3 Hours

Sl. No. :

Maximum Marks: 300

DJPH/19

Read the following instructions carefully before you begin to answer the questions.

IMPORTANT INSTRUCTIONS

- The applicant will be supplied with Question Booklet 15 minutes before commencement of the examination.
- 2. This Question Booklet contains 200 questions. Prior to attempting to answer, the candidates are requested to check whether all the questions are there in series and ensure there are no blank pages in the question booklet. In case any defect in the Question Paper is noticed, it shall be reported to the Invigilator within first 10 minutes and get it replaced with a complete Question Booklet. If any defect is noticed in the Question Booklet after the commencement of examination, it will not be replaced.
- 3. Answer all questions. All questions carry equal marks.
- You must write your Register Number in the space provided on the top right side of this page. Do not
 write anything else on the Question Booklet.
- An answer sheet will be supplied to you, separately by the Room Invigilator to mark the answers.
- 6. You will also encode your Question Booklet Number with Blue or Black ink Ball point pen in the space provided on the side 2 of the Answer Sheet. If you do not encode properly or fail to encode the above information, action will be taken as per Commission's notification.
- 7. Each question comprises four responses (A), (B), (C) and (D). You are to select ONLY ONE correct response and mark in your Answer Sheet. In case you feel that there are more than one correct response, mark the response which you consider the best. In any case, choose ONLY ONE response for each question. Your total marks will depend on the number of correct responses marked by you in the Answer Sheet.
- 8. In the Answer Sheet there are four circles (A), (B), (C) and (D) against each question. To answer the questions you are to mark with Blue or Black ink Ball point pen ONLY ONE circle of your choice for each question. Select one response for each question in the Question Booklet and mark in the Answer Sheet. If you mark more than one answer for one question, the answer will be treated as wrong, e.g. If for any item. (B) is the correct answer, you have to mark as follows:



- 9. You should not remove or tear off any sheet from this Question Booklet. You are not allowed to take this Question Booklet and the Answer Sheet out of the Examination Hall during the time of examination. After the examination is concluded, you must hand over your Answer Sheet to the Invigilator. You are allowed to take the Question Booklet with you only after the Examination is over.
- Do not make any marking in the question booklet except in the sheet before the last page of the question booklet, which can be used for rough work. This should be strictly adhered.
- Applicants have to write and shade the total number of answer fields left blank on the boxes provided at side 2 of OMR Answer Sheet. An extra time of 5 minutes will be given to specify the number of answer fields left blank.
- Failure to comply with any of the above instructions will render you liable to such action or penalty as the Commission may decide at their discretion.

Uses of 'Fuses' with less capacity prevents -

	(A)	Mechanical hazard	(B)	Chemical hazard	
	5	Electrical hazard	(D)	Dust hazard	
	N. BOSH				
0	The f	following tests are usually performed fo	or entit	ner closure excent	
4.	(A)	Test for penetrability	(B)	Extractive test	
			(0/	Dissolution test	
	(C)	Fragmentation test		Dissolution dest	
			78		
3.	Flow	property of a drug can be determined	by mea	surement of	
	S	its angle of repose	(B)	its partition coefficient	
	(C)	its solubility	(D)	its dissociation constant	
			M /		
					. 5-
4.		Henderson-Hasselbach equation is use	ful det	ermination of	
	0	pKa of a drug (dissociation constant	of a dr	ug)	
	(B)	melting point of a drug			
19	(C)	boiling point of a drug			
	(D)	amount of drug in a dosage form			
	n	San darian ata dia dia maka	20		
Ð.	Pre-i	ormulation studies involve Development of suitable dosage form	for a	lena	
	(B)	Determination of pharmacological ac			
	(B) (C)	Determination of molecular structur			
1		Determination of adverse drug react		ar sig	
	(D)	Determination of adverse and greater	LUAR		
6.	The	sweatening agar commonly used in che	wable	tablet is	
	(A)	Sucrose	(B)	Honey	
	(01)	Mannitol	(D)	Saccharine	
	-				

. T	he maximum absorption is s	hifted to longer wav	elengths, is
U	Batho chromic shift	(B)	Hypso chromic shift
(0	Hyper chromic shift	(D)	Hypo chromic shift
		1000	
			1 1 1
. In	India GMP guidelines for n	nanufacture of steril	e products is given in
W	Schedule M of Drugs ar	od cosmetics act 194	0
Œ	3) Schedule MI of Drugs a	nd cosmetics act 19	10
(C	Schedule MII of Drugs	and cosmetics act 19	040
(I	Schedule MIII of Drugs	and cosmetics act 1	940
Ti	ne following test are used for	evaluation of paren	tal except?
(A			Friability test
(C		(D)	Clarity test
). As	s per I.P. all blood products s	hould pass	
×(2)	The test for sterility	(B)	Legale test
(C		(D)	Monlisch's test
	, Denounce a cont	(10)	Monnisch s test
OI.			
. Ch	noose the correct statement		90 Or 10 Mars 1970
0	Plasma substitutes show		nilar to that of plasma
(B)			
(C)			
(D) Plasma substitutes mus	t be retained by the	human body

12.	Whic	ch of the following influences the drug of	listrib	ution in the body?
	S	* Protein binding capacity of the drug	(B)	Weight of the individual
	(C)	First pass metabolism of the drug	(D)	Solubity of the drug
13.	Whic	h of the following parameter are evalu-	ated b	y comparing curves of serum concentration
0.000		us time?		2
	(A)	peak concentration, biological half life	e and	elimination rate constant
	(B)	biological half life, tmax and absorption	n rate	constant
	9	peak concentration, tmax and total are	a und	er the curve
	(D)	adsorption rate constant, area under	the cu	rve and elimination rate constant
14.		time period for which the plasma co speutic level is known as	ncent	ration of drug remains aboves minimum
	S	duration of action	(B)	maximum action time
	(C)	intensity action	(D)	termination of action
15.		h of the following methods is used to graph?	calcul	ate the AUC of a drug from a blood level-
	(A)	rules of nines	(B)	law of diminishing returns
	9	trapezoidal rule	(D)	termination of action
16.	The	principle involved in the separation at the solid liquid interf		emponents in column chromatography is
	5	Adsorption	(B)	Partition
	(C)	Size exclusion	(D)	Differentiation
17.	The t	ype of Immunity produced by administ	ration	of Tetanus antitoxin is
	(A)	Naturally acquired active immunity		
	S	Artificially produced passive immunit	У	
	(C)	Artificially stimulated active immuni		
	(D)	Naturally acquired passive immunity		
18.	Whie	h chemical is used to kill Bordetella pe	rtusis	in the preparation of pertussis vaccine?
	(A)	Salicylic acid	(B)	Acetic acid
	9	Formalin	(D)	Chlorxylenol
U		5		DJPH/19
met Control				D- G- E-

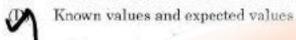
19.	BCG	vaccine belongs to the class of		
	(A)	Toxoids	5	Live bacterial vaccine
	(C)	Killed bacterial vaccine	(D)	Viral vaccine
20.	The	modified hastorial evotoring to re-	duas o	destroy the toxicity without changing
20.		unologic property are called	auce o	descroy the toxicity without changing
		Toxins		Toxoids
	(A)		(0)	
	(C)	Serums	(D)	Antitoxins
21.	Dipth	n <mark>eria Antitox</mark> in is a preparation co	ntaining	the specific antitoxic globulins or their
	deriv	atives obtained by purification of hyp	er imm	une serum or plasma obtained from
	S	Healthy horses	(B)	Healthy dogs
	(C)	Healthy mice	(D)	Healthy frogs
2				
22.	Drag	endorff's reagent is prepared from		- 14 / / /
		A SECURE OF MANAGEMENT OF SECURE OF SECURE		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
	(A)	Saturated tannic acid solution		
	(S)	Potassium Iodine and bismuth nitra	ate	
	(C)	Saturated pieric acid solution		
	(D)	Saturated gelatin solution		
100				
				1,3
23.	Num	erous, paracytic stomata are present	in the p	owder of
	M	Senna	(B)	Datura
	(())	Clove	708867	
	(C)	Clove	(D)	Nux-Vomicu
DJP	H/19	0 5 -40 5 5 3	6	W

20.00	선생님의 발생님의 기업을 하면 되었다면 되었다면 보다 없는데 이렇게 되었다.	(Mark)	
- (A)		(B)	Ergometrine maleate
9	Ergotamine tartrate	(D)	Ergocystine
25	형 가면에 가 하나요?		
25. WI	nich of the following is employed to pre	vent dar	kening (browning) of explant in culture?
(A)		(B)	Phytohormones
1	Antioxidants and Adsorbants	(D)	Aminoacida
	1		
	e of the following is NOT used in	surface s	sterilization process in plant cell culture.
•(2)	Gamma radiation	(B)	Sodium hypochlorite
(C)		(D)	Benzalkonium chloride
	FFIAR		IALY
27. WI	nich of the following is a micronutrient	in plant	tissue culture media?
(A)	Nitrogen	(B)	Sulphur
(C)	Magnesium	M	Manganese
(C)	Magnesium	7	Manganese
(C)	Magnesium	7	Manganese
28. In		n into s	
28. In	plant cell culture, the differentiation	n into s	
28. In ap	plant cell culture, the differentiation		hoot and root are achieved by providing
28. In ap	plant cell culture, the differentiation propriate levels of Cytokinins and Gibberillins	(B)	hoot and root are achieved by providing Micro and Macro nutrients
28. In ap	plant cell culture, the differentiation propriate levels of Cytokinins and Gibberillins	(B)	hoot and root are achieved by providing Micro and Macro nutrients
28. In app (A)	plant cell culture, the differentiation propriate levels of Cytokinins and Gibberillins Auxins and Cytokinins	(B)	hoot and root are achieved by providing Micro and Macro nutrients
28. In app (A)	plant cell culture, the differentiation propriate levels of Cytokinins and Gibberillins Auxins and Cytokinins plain in plant tissue culture refers to	(B) (D)	hoot and root are achieved by providing Micro and Macro nutrients Auxins and Gibberillins
28. In app (A)	plant cell culture, the differentiation propriate levels of Cytokinins and Gibberillins Auxins and Cytokinins plain in plant tissue culture refers to Tissue used for subculture from property	(B) (D)	hoot and root are achieved by providing Micro and Macro nutrients Auxins and Gibberillins cultured cells
28. In app (A)	plant cell culture, the differentiation propriate levels of Cytokinins and Gibberillins Auxins and Cytokinins Plain in plant tissue culture refers to Tissue used for subculture from property and part of the plant that is used	(B) (D) eviously to establi	hoot and root are achieved by providing Micro and Macro nutrients Auxins and Gibberillins cultured cells

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30.	In ba	atch fermentation the initial co	ncentration of	sugars should be limited to	
	(A)	11%	M	12%	
	(C)	13%	(D)	14%	
31.	Bioti	in is required for the growth of			
,	6	Saccharomyces cerevisiae	(B)	Candida pseudotropicalis	
	(C)	Zymomonas mobilis	(D)	Bracibacterium flavum	
32.	In fe	rmentation, the inoculated me	dia is incubated		
	(A)	25°C for 24 hrs			
	(A)	25°C 10F 24 HFS	(B)	26°C for 12 hrs	
	(C)	27°C for 6 hrs	w)	28°C for 48 hrs	
33.	Who	is introduced the compatio amb		eallus, cultured on a semisolid medium	
00.					11
	(A)	Cocking	(B)	Michel	
	8	Rienert	(D)	Steward	
	-1			1 / P 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
34.	In -	herbal me	edicinal prepa	rations are more in demand than	the
	phar	maceutical preparations			
+1	S	Japan	(B)	China	
	(C)	Korea	(D)	Germany	
35			6		
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- As per WHO guidelines on GMP for herbal medicines, the term 'Calibration' does NOT refer to the relationship between
 - (A) Known values of reference standard and values indicated by an instrument
 - (B) Known values of reference standard and values indicated by system of measuring
 - (C) Known values of reference standard and values represented by material measure



- 36. In residual solvent classification which is <u>NOT</u> the right / correct pair as per WHO guidelines for assessing quality of herbal medicines?
 - (A) Class 1 Benzene
 - Class 1 Hexane
 - (C) Class 2 Methanol
 - (D) Class 3 Ethanol
- 37. WHO recommended limits for lead in herbal medicines is
 - (A) 1 mg / kg (1 mg per kg)
- (B) 2 mg / kg (2 mg per kg)

- (C) 5 mg / kg (5 mg per kg)
- 10 mg / kg (10 mg per kg)
- 38. Chorismic acid is an intermediate in which of the following amino acid pairs from shikimic acid pathway?
 - (A) L Histidine and L-Tyrosine
- (B) L-Phenyl alanine and L-Alanine



- L Tyrosine and L Tryptophan
- (D) L Tyrosine and L Proline
- 39. Microbial contamination limits in herbal materials for internal use are prescribed. Select the limit which is WRONG from the following:



Echerichia coli, maximum 5 per gram

- (B) Aerobic bacteria, maximum 107 per gram
- (C) Yeaste and moulds, maximum 104 per gram
- (D) Other enterobacteria, maximum 10³ per gram
- 40. The most appropriate order (not necessity consecutive) in the biosynthesis of cholesterol is



Mevalonate \rightarrow DMAPP \rightarrow FPP \rightarrow Squalene

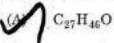
- (B) DMAPP → IPP → GPP → Farnesyl pyrophosphate
- (C) Mevalonate → IPP → FPP → Geranyl pyrophosphate
- (D) $DMAPP \rightarrow FPP \rightarrow GPP \rightarrow Squalene$

41,	The is	penalties prescribed for fals	sely claiming to b	e a registered pharmacist on fish conviction
	(A)	A fine upto Rs. 1,500	(B)	A fine upto Rs. 1,000
	5	A fine upto Rs. 500	(D)	Imprisonment upto 6 months
. 6			W	
42.	The	pharmacy act was passed in	the year of	100
	(A)	1940	(B)	1945
	9	1948	(D)	1930
43.	Whic	ch of the following is not gov	erned under the	Drugs and Cosmetics Act?
	S	Export	(B)	Import
	(C)	Manufacture	(D)	Sale
			-c W	
44.	The o	cosmetics were not under th	e control of origi	nal statue Drugs Act 1910 but was brought
	unde	r the regulatory provision is	n	
	W	1964	(B)	1970
	(C)	1980	(D)	2000
45.	The p	president of pharmacy counc	cil of India is	
	S	elected by the members of	the council	
	(B)	elected by the executive co	mmittee of the co	ouncil
	(C)	nominated by the Central	Government	
	(D)	nominated by the Presider	nt of India	and the state of t
46.	Which	h of the following is not a re	gistrable qualific	ation as pharmacist?
	(A)	Diploma in pharmacy	(B)	Bachelor of pharmacy
	(C)	Doctor of pharmacy	9	Degree in pharmaceutical chemistry
		2. 7.50	-	
n ID	H/19		10	130

47.	The o	riginal form of Drugs and Cosmet	ics Act as p	assed in 1940 is known as
	S	Drugs Act 1940	(B)	Drugs and Cosmetics Act 1940
	(C)	Drugs Regulation Act 1940	(D)	Drugs Control Act 1940
48.	In wh	nich year Drugs Rule were framed	under the	Drugs Act 1940?
	(A)	1940	01	1945
	(C)	1960	(D)	2000
49.		h of the following statement is acted by educational institutions?	s correct v	with respect to programmes (B.Pharm.)
	(A)	It is required to be approved by l	Pharmacy (Council of India
	W)	It is required to be approved by l	Pharmacy (Council of India and AICTE
	(C)	The University conducting the Council of India	programm	ne need not take approval of Pharmacy
. /	(D)	The University conducting the process of India or AICTE	rogramme	need not take approval of either Pharmacy
			NIV	
50.	Ther	primary functions of the pharmacy	council of	India is
3	(A)	Select pharmacists for Central G	lovernment	
	W	Frame Education Regulations		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
	(C)	Issue Drug Licence		
	(D)	Selection of Drug Inspectors for	Central Go	vernment
51	Lacto	oflavin is otherwise called as		
01.	·M	Vitamin B ₂	(B)	Vitamin Be
	(C)	Vitamin B ₁₂	- (D)	Vitamin D
	- 5	1		
52.		rone may be reduced to Oestra	adist by c	atalytic hydrogenation or by aluminium
	W	Meerwein-Ponndorf-Verley red	uction (B)	Birch reduction
	(C)	Clemenson's reduction	(D)	Schmidt rearrangement
- 3				
53.	Atro	pine is the		
10000	va	ester	(B)	alcohol
	(C)	aldehyde	(D)	ketone
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Unit	of viscosity is		
(A)	Curie	0	Poises
(C)	Nanometer	(D)	Ohms
Whie	ch of the following methods used to de	etermin	e the nitrogen?
(A)	Rast method	01	Kjeldahl method
(C)	Oxygen flask combustion method	(D)	Cryoscopic method
Acet	ic anhydride is used in the preparatio	n of per	chloric acid to render the mixture
S	Anhydrous	(B)	Alkaline
(C)	Acidic	(D)	Neutral
The 1 (A) (C)	passage of pure solvent into a solution Viscosity Refractive index	(B)	h a semi permeable membrane is known as Surface tension Osmosis
-	reduction is carried out by h	eating t	he carbonyl compound with zinc amalgam
in hy	drochloric acid.	102201	
0	Clemmensen	(B)	Brich
(C)	Meerwin-Ponndrof	(D)	Boureault-Blanc reduction
Which	h of the following compounds is the te	rpene d	erivatives?
(A)	Saponins	(B)	Pyridoxine
9	Camphor	(D)	Cholesterol
- 1			

60. Molecular formula of cholesterol is



(B) C₂₇H₄₈

- (C)
- CIRH200

- (D) C₃₀H₅₀O₃
- is used in the treatment of obstructive Jaundice.
 - (A) Vit. A

(B) Vit. D

(C) Vit. E

Vit. K

- 62. It is an amino alkyl ethers
 - (A) Mepylamine Maleate
 - (B) Thonzylamine hydrochloride
 - Diptenhydramine Hydrochloride
 - (D) Zolamine hydrochloride
- (B) Methyprylon
- 63. It is a barbiturate sedatives.
 - (A) Glutethimide
 - (C) Quinazolone

- Thiopental
- 64. Starting material for the synthesis of procaine hydrochloride is
 - (A) P-acetamino benzoic acid
 - (B) P-acetyl benzoic acid
 - P-amino benzoic acid
 - (D) P-nitro benzoic acid

Angio	otensin-II is a			
(A)	Carbohydrate	(B)	Eicosanoids	and Mary In-
(0)	Peptide	(D)	Cardenolide	4.00
٠,١				
		1		
	W 10 17	- 1200 g		
anti l	— is a serious and polypertensives.	tential adverse ef	fect of potassium sparing	diuretics used as
(A)	Hypokalemia	OA)	Hyperkalemia	
(C)	Hypocalcemia	(D)	Hypercalcemia	
(0)	Пуросансенна	(D)	Hypercaiceuna	
	•			
An ar	ntineoplastic agent acting b	y folate antagonis	m and having pteridine	ring is
(A)	Trimethoprim	(B)	Mercaptopurine	
100	Methotrexate	(D)	Folic acid	
~ (
Whic	h one of the following sulph sion?	onamide drug is	used for treatment of var	rious urinary tract
(A)	Sulfadiazine	(B)	Dapsone	
S	Sulfafurazole	(D)	Sulfa acetamide	
		100		
0.1		마시아 마시아 아니는 아이를 하는데 보다가 하셨다. 얼마나 되었다.	f molecule of p-amino	benzoic acid and
227	lroxy triethylamine, which	on treatment with	. 3:	
(A)	Cyclomethycaine		Procaine	
(C)	Tetracaine	(D)	Eucaine	
	nranged by the in	terestion of (4 to	st-butyl-2, 6-dimethyl ph	envi) acetomitrile
with amm	ethylene diamine hydroch			
(A)	Phenylpropanolamine	- 1	Xylometazoline	
(C)	Naphazoline	(D)	Oxymetazoline	
				100

71.	In U	spectroscopy, the sample	cells are made up	to	
	(A)	Metal	(B)	Poly styrene	
	(C)	Stainless steel	9	Quartz	0.4
					_
			7		
72.	Com	nonly used source of light i			
	(A)	Hydrogen discharge lamp	(B)	Mercury arc	
	(C)	Tungsten lamp		Deuterium lamp	
	1				
73.	Whie	h is the most common mob	ile phase for gas c	hromatography?	
10.	(A)	Oxygen	(B)	Carbon dioxide	
	(C)	Eltane	VD/	Argon	
	(0)	Extense			T
				плг	
74.	The r	eversed phase TLC plates	are produced by in	mpregnating silica plate	s with
- 3	(A)	water	(B)	chloroform	
	(C)	ether		liquid paraffin	
			100		
					Ai sanita.
75.	-	H-NMR (PMR) spectra	the spin-spin	splitting pattern for er is each choice is sign	the compounds
		l ₂ -CHCl ₂ is this is followed by second	The state of the s	it is each choice is sign	ar appearing man
		2,3	(B)	3,5	
	(C)	3,4	(D)	4,3	/ 14
	(0)	×.*	****	1025508	
				194	/ 2
76.	Fluor	rescence is favoured by mo	lecules having		
	(A)	Flexibility			
	1	Rigidity			
	(C)	Long chain compounds		*	
V.	(D)	Short chain compounds			

77.		h analytical technique used to s ductive medium (buffer) in resp	The state of the same of the s	ytes based on their ability to move through plied electric field?
	(A)	Ion exchange chromatography	0	Electrophoresis
	(C)	Super critical chromatography	(D)	Size exclusion chromatography
	1.00	100		
78.		h absorbance property in quan ounds is used to estimate multip		spectroscopic analysis involving 2 or more
	S	Additivity	(B)	Diminicity
	(C)	Multiplicity	(D)	Logarthmicity
	14			
79.		h is the most important info own molecule?	ormation ob	tained from 1H-NMR spectra regarding
	(A)	Elemental composite		
	9	Carbon - hydrogen - frame wo	rk of a organ	ic molecule
	(C)	Molecular weight of a compour	nd	
	(D)	Functional group of a molecule		
	C#			
	Company Co. Co.			
80.	Dopa	mine receptor agonists is		
	N	Ropinirole	(B)	Selegiline
	(C)	Tolcapone	(D)	Amantadine
				A CONTRACTOR OF THE SECOND
81.	Selec	tive serotonin (5-HT) re-uptake	inhibitor is	
	(A)	Sulpiride	4	Fluoxetine
	(C)	Raboxetine	(D)	Pen fluridol
				THE RESERVE OF THE STATE OF
			3	
82.		nost common side effect of nitro	glycerine is	
	(A)	Diarrhoea	1	Headache
	(C)	Hypertension	(D)	Sedasion

83.	Wher		ed or incre	ased by the other drug, the phenomenor	15
	5	Synergism	(B)	Antagonism	
	(C)	Tolerance	(D)	Tachyphylaxis	
84.	Ener	gy is required for the transport of c	irug by		
	(A)	Facilitated diffusion	(B)	Pinocytosis	
	5	Active transport	(D)	Passive diffusion	
85.	Cell	mediated type of allergic reaction is	s		
	(A)	Type I reaction	(B)	Type II reaction	
	(C)	Type III reaction	M	Type IV reaction	
86.	All th	ne following may be reasons for poo	or bioavail	ability EXCEPT	
	(A)	High first pass metabolism			
	0	Enterohepatic cycling			
'nΫ́	(C)	Poorly soluable drug			
	(D)	Poor disintegration of the tablet			
				A Little	
87.	Pure	alpha two blocker is			
	(A)	Prazosim	(B)	Indoramim	100
V	(C)	Metaraminol	M	Yohimbine	
111			17	D.JPH/	19

	1110	lrug of choice in trigemeinal neuralgia		
	S	Carbamazepine	(B)	Phenystoin
V.	(C)	Sodium valproate	(D)	Ethosuximide
		and the same of th		
0	Mife	pristone is a	2000	
	S	Anti progestin drug	(B)	Progesterone derivative
	(C)	Synthetic estrogen	(D)	Anti estrogen drug
	The f	ollowing drugs are thiomide group of a	ntithy	roid drugs EXCEPT
00	(A)	Thiourea	(B)	Propylthiouracil
	(C)	Carbimazole	0	Potassium perchlorate
	V			AACT
			M	
	Grav	e's disease is associated with	-	
	(A)	Excessive secretion of adrenalin		
	(B)	Excessive secretion of insulin		
	(B) (C)	Excessive secretion of insulin Excessive secretion of serotonin		
			ies	
	(C)	Excessive secretion of serotonin	nes	
	(C)	Excessive secretion of serotonin	ies	IA
	S	Excessive secretion of serotonin Excessive secretion of thyroid hormon		
	(C)	Excessive secretion of serotonin Excessive secretion of thyroid hormor drug which is an inhibitor of intestinal	a -glu	
	S	Excessive secretion of serotonin Excessive secretion of thyroid hormon lrug which is an inhibitor of intestinal Metformin	α -glu (B)	Meglitinides
	(C)	Excessive secretion of serotonin Excessive secretion of thyroid hormor drug which is an inhibitor of intestinal	a -glu	
	(C)	Excessive secretion of serotonin Excessive secretion of thyroid hormon lrug which is an inhibitor of intestinal Metformin	α -glu (B)	Meglitinides
	(C)	Excessive secretion of serotonin Excessive secretion of thyroid hormon lrug which is an inhibitor of intestinal Metformin	α -glu (B)	Meglitinides
	The c (A)	Excessive secretion of serotonin Excessive secretion of thyroid hormon frug which is an inhibitor of intestinal Metformin Miglitol	α -glu (B) (D)	Meglitinides Glibenclamide
	The (A)	Excessive secretion of serotonin Excessive secretion of thyroid hormon frug which is an inhibitor of intestinal Metformin Miglitol	α -glu (B) (D)	Meglitinides Glibenclamide
	The (A) (A) (A)	Excessive secretion of serotonin Excessive secretion of thyroid hormon lrug which is an inhibitor of intestinal Metformin Miglitol numan Insulin analogues are the follow Lispro insulin	α -glu (B) (D)	Meglitinides Glibenclamide
	The (A)	Excessive secretion of serotonin Excessive secretion of thyroid hormon frug which is an inhibitor of intestinal Metformin Miglitol	α -glu (B) (D)	Meglitinides Glibenclamide

		v	/isit: https:/pharmac	yindia.co.	n	
94.	The c	drug which increases ute	rine motility i	is		
	6	Oxytocin		(B)	Ritodrine	
	(C)	Atosiban		(D)	Nifedipine	
95.	Suma	atriptan is a selective	211			
	S	5 - HT _{1D/18} receptor age	onist			
	(B)	5 - HT _{24/28} receptor ago	onist			
	· (C)	5 - HT _{SB/SD} receptor age	onist			
	(D)	5 - HT ₄₇ receptor agon	ist			
				9		
96.	All th	he following drugs are an Metoclo pramide	iti emetics EX	(B)	Promethazine	
	(C)	Domperidone		06	Apomorphine	
	10-7	Service Control of the Control of th			A	
ŧ						
97.	Whic	ch proton pump inhibitor	shows maxin	num bi	oavailability?	
	(A)	Ameprazole		(B)	Panta prazole	
	1	Lansoprazole		(D)	Rabe Prazole	
	- (
98.	The	cytotoxic drug which act	s by inhibiting	g topois	somerase - 2 is	
	(A)	Topotecan				
	S	Etoposide				
	23					

(D)

Paclitaxel

Methotrexate

99.	In ph	arma industry, storage of water at	80°C is de	one to
	W	Control microbes	(B)	Prevent oxidation
	(C)	Prevent hydrolysis	(D)	Prevent allergic reation
100.	A "Tr	ravel Chart" is a record of		
	8	Amount of Travel by the material	in a proce	ess
	(B)	Amount of Travel of labourers in a	process	
	(C)	Amount of Travel of machines in a	process	
	(D)	Area of a Pharmaceutical plant		
101.		h one of the following is not a prima		A CONTRACTOR OF THE PROPERTY O
	(A)	Raw materials	(B)	Market for products
	0	Water supply	(D)	Labour supply
102.	Whiel	h one of the following is NOT a char	actoristis	e of fitter aid
102.	(A)	Porous	ACTORISTIC	Chemically active
	(C)	Recoverable	(D)	Used to increase efficiency
	(0)		(2)	Court to increase emerency
103.	Which	h one of the following dryer is known	n as fluid	lised
	(A)	Tray dryer	(B)	Fluidised bed dryer
	(C)	Vacuum dryer	0	Epiac dryer
	- 31			
104.		ollowing equation are related to filtr	ation exc	
	(A)	Poiseuille's equation	(B)	Darcy's equation
	(C)	Kozney carman equation	0	Fourier equation
105.	Which	n one of the following is NOT a prop	orte of or	inflammable liquid?
- 00.	(A)	Explosive range	(B)	Flash point
	(C)	Ignition temperature	(DA)	Melting point
		A STATE OF THE PROPERTY OF THE	90	Account to the second s

106.	Tonic	city is one of the formulation para	meter in w	hich of a following dosage form
	(A)	Emulsions	W	Large volume parentirals
	(C)	Oral Liquids	(D)	Topical Preparations
107	Trans	drug to be therapeutically efficac	ious it shou	ald hove
107.	For a		(B)	lipid solubility
	6	some aqueous solubility		
	(C)	solubility in alcohol	(D)	solubility in chloroform
108.	The	unit for surface tension is		
	M	dynes/cm	(B)	dynes/cm ²
	(C)	Newton & Meter	(D)	Dynes & cm
				иді у
100	1.10	Pushes of OAV amulaifing agent		
109.		B value of O/W emulsifing agent	(B)	3 to 7
	(A)	0 to 3	1000	
	100	8 to 18	(D)	26 to 28
110.	The i	following methods are used for eva	aluation of	suspensions except
	(A)	Sedimentation method	(B)	Electrokinetic method
X.	1	Sterilisation method	(D)	Micromeritic method
4.5	- 1			
			. 1.1	all stall a solution too comptio with bloo
111.		t concentration of procaine hydro na (Freezing of 1% procaine hydro		rill yield a solution iso-osmotic with blood dution is -0.122°C)
	(A)	6.25% W/V	(B)	5,25% W/V
	(A)	4.26% W/V	(D)	3.38% W/V
	1	4.2070 W/V	(D)	

112.	Hum	an Immunoglobulin is the other name	of	
. 2	(A)	Beta-globulin	S	Gamma-globulin
	(C)	Prothrombin	(D)	Fibrinogen
113.		though the dried Human plasma car itions. What is customary expiry date?	n be s	tored for many years under ideal storage
	(A)	4 years form the date of production	0	5 years form the date of production
	(C)	6 years form the date of production	(D)	3 years from the date of production
				12 Sept. 2 At 54
114.	Choo	se the best condition in which concentr	ated H	luman RBC's can be administered.
	(A)	Haemorrhage	00	Chronic anaemia
	(C)	Diabetes Mellitus	(D)	Cancer
	-			
115.	For d	lonation blood is collected from		
A.A.O.	(A)	Ear vein	(B)	Median cubital vein
	(C)	Hepatic portal vein	(D)	Any artery
	0			
				1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
	em 1		1 . 1	6.1 6.11
116.		blood donation is not acceptable from w		
	(A)	persons with hypertension	(B)	healthy individuals
	(C)	non-pregnant women	1	anaemic persons
1				
117.		e the process by which the amount of a the systemic circulation	ctive d	rug in the body is reduced after absorption
	(A)	First pass metabolism	(B)	Distribution
	(C)	Metabolism	S	Elimination
DJPI	H/19	29		

118.	Schie	k test is used to identify			
	S	Diptheria		(B)	Percusis
	(C)	Typhoid		(D)	Jaundice
119.	Bacte	erial exotoxins are			
	9	Protein in nature		(B)	Carbohydrate in nature
	(C)	Lipids in nature		(D)	Lipo polysaccharides in nature
	19/		(E) =		
120.	In th	e evaluation of disinfectants	by Ridel W	alker	test, the specified strain used is
	(A)	Streptomyces griseus		5	Salmonella typhi
	74			(D)	Streptomyces venezuelae
	(C)	Streptomyces aureus	200	(D)	Streptomyces venezuerae
121.	Toxo	ids belong to the class of im	munologica	l prod	ucts which produce
	(A)	naturally acquired active i			
	100				
	0	artificially stimulated acti	ve immuni	ty	3 A-
	(C)	naturally acquired passive	e immunity		
	(D)	artificially produced passi	ve immunit	ty	
	44				
	100				
122.	Whic	ch of the following is a comb	ined vaccin	e?	
	S	DPT vaccine		(B)	Hib vaccine
	(C)	Var vaccine		(D)	Hepatitis B vaccine
	(0)	The state of the s	101		Secretary of the control of the cont

123.	Drug	g which gives orange colour whe	n sprinkling	on nitric acid is	
	- (A)	Codeine	(B)	Papaverine	
	0	Morphine	(D)	Tropane alkaloid test	
124.	Frui	t which are derived from the pla	nts umbellife	rrae are all the type	
	5	Cremo carp	(B)	Pericarp	
	(C)	Epicarp	(D)	Mesocarp	,
		X The same of			
125.	Whic	ch of the following generally de	NOT requi	re altitudes of 1000 meter or greater	fo
		vation? Tea	d Table	8. 1	
	(A) (C)		(B)	Cinchona	
	(0)	Camphor		Clove	
	-				
100	A	Liver de la Paris			
126.		l is considered to be Poor when t	the organic m		
	(A) (C)	0.1%	0	0.5%	
	(0)	2.0%	(D)	5.0%	
1				5-7	
107	1171-2	N - 60 - 611 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -			
127.		h of the following is an adultera			
	(A)	cassia acutifolia	(B)	cassia angustifolia	
	VI	cassia obovata	(D)	cassia marilandica	
128.	Whin	k af the fellowing is some and in	.1		
140.	(A)	h of the following is arranged in Sand, Gravel, Silt, Clay			
	-/OA	Clay, Silt, Sand, Gravel	(B)	Clay, Sand, Silt, Gravel	
	0	Clay, But, Band, Gravel	(D)	Silt, Clay, Sand, Gravel	
		1 1 1 1 1 1 1 1			
129.	Which	h wlong mustous links (d-) d			
120.	(A)	n plant prefers light (sandy) and clove	100000	amy) and requires well – drained soil?	
	(CA)	tea	(B)	coffee	
	~1	boa	(D)	dioscorea	
DJP	H/19		24		11.1

sexual	reproduction			
(A) I	Biotransformation		(B)	Immobilization
(C) S	Somaclonal variation		9	Clonal propagation
000000000	4	initiated	from a	n explant of seedling or other plant
sources	W.			
(A) s	hoot tip	3,	(B)	sub
9	allus		(D)	suspension
	DIIA			n A CN
At pres	ent, chrysanthemum rose	enm cultiv	ation is	carried out mainly in
	ent, chrysanthemum ros Japan	enm cultiv	ation is (B)	carried out mainly in Brazil
(A) J		enm cultiv	- 200	
(A) J	Japan	enm cultiv	(B)	Brazil
(A) J	Japan	enm cultiv	(B)	Brazil
(A) J	Japan Kenya		(B)	Brazil Yugoslavia
(A) J	Japan Kenya		(B)	Brazil Yugoslavia
(A) J	Japan Kenya edlings and young plant		(B)	Brazil Yugoslavia
(A) J	Japan Kenya edlings and young plant of oil		(B)	Brazil Yugoslavia rtia, treated with NAA, gave an inc
(A) J	Japan Kenya edlings and young plant of oil		(B) (D)	Prazil Yugoslavia rtia, treated with NAA, gave an inc
(A) J	Japan Kenya edlings and young plant of oil		(B) (D)	Prazil Yugoslavia rtia, treated with NAA, gave an inc
(A) J	Japan Kenya edlings and young plant of oil 20-40%	s of Menth	(B) (D) a piper	Yugoslavia rtia, treated with NAA, gave an inc 30-50% 20-30%
(A) I The serviced — (A) (C) When a	Japan Kenya edlings and young plant of oil 20-40% 10-20%	s of Menth	(B) (D) a piper	Yugoslavia rtia, treated with NAA, gave an inc 30-50% 20-30%
(A) I The serviced — (A) (C) When a	Japan Kenya edlings and young plant of oil 20-40%	s of Menth	(B) (D) a piper	Yugoslavia rtia, treated with NAA, gave an inc 30-50% 20-30%
(A) I The security (A) I (C) When a fresh m	Japan Kenya edlings and young plant of oil 20-40% 10-20%	s of Menth	(B) (D) a piper	Yugoslavia rtia, treated with NAA, gave an inc 30-50% 20-30%

135.	Single	e cells can also be obtained f	rom fresh plar	nt o	organ	
	(A)	Root	U	N	Leaf	
	(C)	Stem	(D)	Seed	
× .						
136.	To our	-face starilization of avalent	the tisone is u	vac	shed with sterile water to rer	move
100.	(A)	Calcium hypochlorite	+		oned with stelle water to rea	4010
	3	Sodium hypochlorite				
	(C)	Hydrogen peroxide				9
	(D)	Silver nitrate				
	(1)	onver muaw				
137.	Whiel	h is the 10 carbon units cont	aining isopren	ioid	d compound?	
	(A)	Farnesyl pyrophosphate	LIN			
	0	Geranyl pyrophosphate				
	(C)	Isopentanyl pyrophosphate		_		
	(D)	Geranyl pyrophosphate				
	100					
		- 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1		n		
138.	Flavo	onoids are synthesized from	which metabol	ie t	pathway?	
200.	(A)	TCA cycle				
	(B)	Mevalonic acid pathway				
	·M	Shikimic acid pathway				
	(D)	Glycolysis				
	118000					/ -
			7.1			0.000
139.			conversion of (Glu	utamic acid to α-ketoglutara	te?
	(A)	Dehydrogenase				
	9	Amino transferase				
	(C)	Decarboxylase				
9	(D)	Carboxyl transferase				

140.	The l	eaves of digitalis lanata have ——— urea.		—— times greater activity than digitalis
	(A)	3-5	(B)	3-6
	(01)	3-4	(D)	3-7
	- 1			
1.11	Ludal	e Acetic Acid (IAA) is a	t1	hat occurs naturally in plants
141.			(B)	Gibberellin
	(A)	Cytokinin Growth Inhibitor	(D)	Auxin
	(C)	Growth Inmotor		August 1
142.	Kelle	er – Killani test for mainly performer f	or	
	5	Digitoxose	(B)	Digitalose
	(C)	Digitoxin	(D)	Ditoxigenin
143.	A vol	atile oil used as mosquito repellent is		
140.	-(10	Pyrethrum oil	(B)	Lemon grass oil
	(C)	Sandal wood oil	(D)	Rosemary oil
144.	The	main functions of central drugs labora	tory is	
	W	To analyse drugs and cosmetics	(B)	To frame education regulations
	(C)	To Advise the central government	(D)	To Advice the state government
145.	The	license issued for while sale of drugs	other th	nan those specified in schedule C, $oldsymbol{C}_1$ and $oldsymbol{\lambda}$
140.	in for			
	(A)	20 A	W	20 B
	(C)	21 A	(D)	21 B
146.	Sche	dule 'P' of the drugs and cosmetic rule	es deals	
	(A)	Standard for cosmetics	W.	Life periods of drugs
	(C)	List of prescription drugs	(D)	Standards for disinfectant fluids

147.	ine	duration of practical training for dip	loma in	pharmacy is specified as
	(A)	100 hours	(B)	200 hours
	(C)	300 hours	0	500 hours
148.	The	clinical trial details are given in		
- 1	(A)	Schedule A	(B)	Schedule M
	(C)	Schedule K	(DA)	Schedule Y
149.	Whi	ch of the following laboratory/organ tral Drugs Laboratory) for testing of	nization oral polic	in the Apex Laboratory (the function of
	5	Pasteur institute of India, Cooner		
	(B)	Veterinary Research Institute, Izat	nagar	
	(C)	Central drugs laboratory		
	(D)	Central drugs testing laboratory		
21				
150.	The	minimum space requirement for reta ified in schedule C and C1 is	ail sale l	icence of medicines including the medicine
	(A)	10 sq. meter	00	15 sq. meter
	(C)	20 sq. meter	(D)	25 sq. meter
			* (2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
151.	Whic	ch of the following officers is not desig	enated a	s central licence approving authority?
	(A)	Drugs Controller (India)	(B)	Joint Drugs Controller (India)
	(C)	Deputy Drugs Controller (India)	01	Assistant Drugs Controller (India)
			- (
	- 475			442 5.7
152.	Which unde	ch of the following amendment broug or the control of Drugs and Cosmetics	ght Ayur Act and	vedic (including Siddha) and unani drugs Rules?
	(A)	Drugs rule (Amendment) Act 1945		
	M	Drugs and Cosmetics (Amendment)	Act 196	4
	(C)	Drugs and Cosmetics (Amendment)	Act 197	2
	(D)	Drugs (Amendment) Act 1962		

153.	Folic	acid is —	derivative.					
	(A)	Pyridine		1	Pteridine			
	(C)	Piperidine		(D)	Thiazole	3. 10		
			5 10 5					
		6 4 4	1					
154.	Estra	idiol is a						
	(A)	Male sex hormone		S	Female sex hormo	ne		
	(C)	Pituitary hormone		(D)	Parathyroid horm	one		
155.	Mask	ing and demasking	agents are used in	1-	titrations.		2_3	
	(A)	Acid-base		(B)	Non-aqueous			
	0	Complexometric		(D)	Redox	-		
156.	Subst	tance exists in more	than one crystalli	ne forn	n are known as			
	(A)	Isomorphous		M	Polymorphism			
	(C)	Enantiomers		(D)	Cis-trans isomers			h,
157.	_	eonsist in th	ne addition of exce	ss of a	standard volumetr	ic solution	to a wei	ighed
		nt of sample and	determination of	the e	xcess (standard vo	olumetric	solution) no
	requi	red by the sample.						
	~	Back titration						
	(B)	Blank titration						
	(C)	Direct titration	D. D. W					
	(D)	Precipitation titrat	ion		9 - 92			1

Nitro	is the compound in ogen or Sulphur moiety.	100	
(A)	Carbohydrate	(B)	Proteins
(C)	Fats		Glycoside
			Control to the second
٧.			
Atroj	oine alkaloid is an / a		
(A)	Acid	(B)	Alcohol
9	Ester	(D)	Ketone
/			
7		1.30	
Sodi	um boro hydride, NaBH ₄ , se	electively reduces	
(A)	Aldehydes and Ketones	(B)	Carboxylic acids
~ 1			
(C)	Alcohols	(D)	Esters
(C)		AIV	Esters clopentano phenanthrene nucle
(C)	have in common a j	per hydro-1, 2-cy	clopentano phenanthrene nucle
5	have in common a p	per hydro–1, 2-cy (B)	clopentano phenanthrene nucle Alkaloids
5	have in common a p	per hydro–1, 2-cy (B)	clopentano phenanthrene nucle Alkaloids
(C)	have in common a p	per hydro-1, 2-cy (B) (D)	clopentano phenanthrene nucle Alkaloids
(C)	have in common a p Steroids Amino acids	per hydro-1, 2-cy (B) (D)	clopentano phenanthrene nucle Alkaloids
(C)	have in common a p Steroids Amino acids	per hydro-1, 2-cy (B) (D)	clopentano phenanthrene nucle Alkaloids Proteins
(C) Volat (A)	have in common a p Steroids Amino acids ale oil belongs to the categor Steroids	per hydro-1, 2-cy (B) (D)	clopentano phenanthrene nucle Alkaloids Proteins
(C) Volat (A)	have in common a p Steroids Amino acids ale oil belongs to the categor Steroids	per hydro-1, 2-cy (B) (D)	clopentano phenanthrene nucle Alkaloids Proteins
(C) Volat (A) (C)	have in common a p Steroids Amino acids ale oil belongs to the categor Steroids	per hydro–1, 2-cy (B) (D)	clopentano phenanthrene nucle Alkaloids Proteins
(C) Volat (A) (C)	have in common a p Steroids Amino acids alle oil belongs to the categor Steroids Alkaloids	per hydro–1, 2-cy (B) (D)	clopentano phenanthrene nucle Alkaloids Proteins

164.	Antih	istaminic drug, diphenhydramine	comes und	er which classification?	e 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
	(A)	Ethylene diamines	(B)	Thiophene	
.35	(C)	Cyclic basic chain	P 1	Amino alkyl ethers	
0		1		- 52, 1195	
165.	Which	n of the following antineoplastic ag	gents is cor	nes under alkylating ager	nts?
	(A)	Mercaptopurine	(B)	Methotrexate	
	(C) .	Flurouracil	01	Chlorambucil	
	7.0				
166.	Urea	and Diethyl malonic ester are star	rting mate	rial for the synthesis of	
	(A)	Procaine	0	Barbitone	
	(C)	Chlorpheniramine	(D)	Paracetamol	
107	Decelor	nidine analog drug is used in cano	er therany	12 57 5 6 2 7	
167.	(A)	Vinblastine	(B)	Thioguanine	
	(C)	5-Fluorouracil	(D)	Metho trexate	
	1	0111011111111	No.		
		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			3 /
168.		site of action of amphotericin B in			
	(A)	Peptidoglycan portion of cell mer			
	1	Cell membrane of fungus binding	g to Ergost	eror	1 3
	(C)	LAM portion of cell wall			7 to 1 to 1 to 1 to 2 to 2 to 2 to 2 to 2
	(D)	Demethylase enzyme			
169.	Penic	eillin V is			
	(A)	Ampicillin	(B)	Amoxycillin	
	0	Phenoxy methyl penicillin	(D)	Benzyl penicillin	
(U)			31		DJPH/19
					Turn over

170.	mag	is synthesized by nesium bromide followed by		on of phenyl-2-pyridyl ketone with	pheny
	4	Pipradrol	(B)	Captodiame	
	(C)	Hydroxyzine	(D)	Benactyzine ,	
171.		is prepared by treat	ing acetaldehyde	with sulphur dioxide, hydrochloric	acid o
	zinc	chloride.	and an enderly de	with sulpinar dioxide, nydrocinoric	acid of
	(A)	Nitrazepam	(1)	Paraldehyde	
	(C)	Methohexital sodium	(D)	Chloral hydrate	
172.	Inter	raction of aniline and acetic a	nhydride in the	presence of sodium acetate yields.	
	(A)	Phenacetin		Acetanilide	
	(C)	Aspirin	(D)	Paracetamol	
173.		of sample required for analy	sing with gas ch	romatography	
	(A)	thermally stable			174
	1	volatile without decomposit	ion		
	(C)	non volatile substances			
	(D)	non volatile acids			
174.	Most	commonly used adsorbent in	column chroma	tography is	
	(A)	Activated magnesia			
	(B)	Activated charcoal			
	(C)	Fuller's earh			
	9	Silica gel			

- - (A) Mordant black II and solochrome black
 - (B) Mordant black II and methanol
 - 5

Mordant black II and sodium chloride

- (D) Pyridine and methanol
- 176. Thermal detectors are commonly used detector in instruments
 - (A) NMR

(B) MARS

IR

- (D) UV
- 177. Which of these equations in Ohm's law?
 - (A) A = abc

(B) $\Delta E = E_G - E_1$

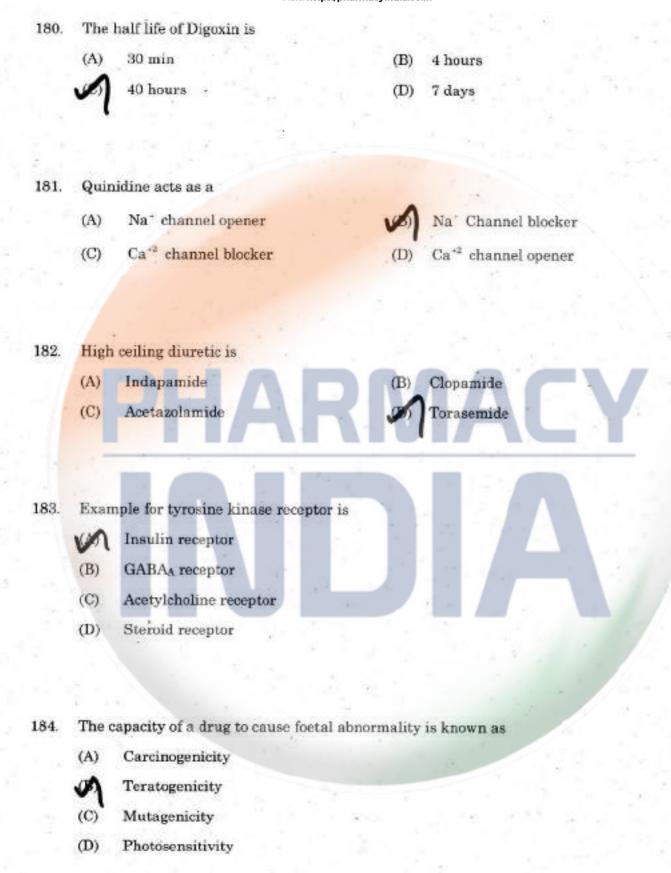
(C) A = ∈bc

- $I = \frac{V}{D}$
- 178. Revalues in paper chromatography are usually
 - 5
- Below 1

(B) Above 2

(C) 6

- (D) Above 5
- 179. The standard reference substance that is used universally for NMR spectroscopy in
 - (A) Tri methyl silane
 - (B) Tetra methyl methane
 - (C) Hexa methyl silane
 - Tetra methyl silane



185.	The	predomina	nt muscarinic rece	ptor which medi	ates vagal bradycardi	a is		
	(A)	M ₁		9	M_2	14 24 10 10		
	(C)	M_3		(D)	Μs			
			100	7 T				
186.	Pirer	nzepine pro	duces its action by	blocking which	type of receptors			
	(A)	$N_{\scriptscriptstyle M}$	1 -	(B)	N_N			
		М		(D)	M_3			
	~ (***1		1				
187.	Asse	rtion (A) :	β_2 agonists are paralysis.	used in the tr	eatment of hyperkale	mic familial periodic		
	Reas	on (R):	β_2 agonists enh	ance K ⁺ uptake	into muscles			
	S	Both (A)	and (R) are true a	nd (R) is the cor	rect reason for (A)			
	(B)				correct reason for (A)			
	(C)	331030000	e but (R) is false					
	(D)	- Allerton Marie	e but (R) is true					
	40,00			LIN				
188.	Cons	ider the fol	lowing statements					
100.		Assertion (A): Clozapine is an antipsychotic drug which shows few extra pyramidal						
	3		symptoms					
	Reas	on (R):	Clozapine has a	potent 5HT2 and	tagonistic effect			
	(A)	Both (A)	and (R) are true a	nd (R) is the cor	rect explanation for (A	.)		
-	M	Both (A)	and (R) are true b	ut (R) is not the	correct explanation fo	r (A)		
	(C)	(A) is tru	e but (R) is false	7.	1			
	(D)	(R) is true	e but (A) is false	Shamel S.				
		100		200				
189.	Asse	rtion (A):	Painful procedu sodium anaeslad		ed out under the infl	uence of thiopentone		
	Reason (R):		Thiopentone sod	lium is a poor ar	algesic			
	(A)	Both (A)	and (R) are true a	nd (R) is the cor	rect reason for (A)			
	(B)	Both (A)	and (R) are true b	ut (R) is not the	correct reason for (A)			
1	(C)	(A) is tru	e but (R) is false	, 14				
	M	(R) is tru	e but (A) is false					
	٠,							
190.	The	contra indic	cations to the use	of morphine are	the following EXCEP	r		
-na/31	(A)		ory insufficiency	90	Acute left ventricula			
	(C)	Head inju		(D)	Undiagnosed acute a			
				95		P		

191.	The	amino glycoside which is too toxic for	systen	nic use and hence used topically on the skin
	and	eye is		
	5	Framycetin	(B)	Amikacin
	(C)	Sisomicin	(D)	Tobramycin
192.	The	fourth generation cephalosporin is		
	(A)	Cefactor	(B)	Cefuroxime
	(C)	Cefoxitin	M	Cefepime
- 3		190 P X		
193,	Whic	ch bacterial enzyme is inhibited by Flo	uro quir	nolone derivative?
	.00	DNA gyrase	(B)	Folate synthase
	(C)	Topoisomerase II	(D)	β lactamase
194.	The	following are luminal amoebicide drug	gs EXCI	EPT
	(A)	Diloxamide furoate	(B)	Iodoquinol
	(C)	Tetracycline	0	Emetine
				1/2 m
195.	The V	WHO regimen for treatment of Leproi	matous	leprosy is
	M	Dapsone + Clofazimine + Rifampici	n	
	(B)	Dapsone + Rifampicin + Minocyclin		
	(C)	Dapsone + Ofloxacin + Clofazimine		
	(D)	Dapsone + Ofloxacin + Clarithromy	cin	
D ID			16	
DJP	11/19			(LJ)

