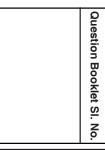
Question Booklet Alpha Code





Total Number of Questions: 100 Time: 75 Minutes

Maximum Marks: 100

INSTRUCTIONS TO CANDIDATES

- The Question Paper will be given in the form of a Question Booklet. There will be four versions of Question Booklets with Question Booklet Alpha Code viz. A, B, C & D.
- 2. The Question Booklet Alpha Code will be printed on the top left margin of the facing sheet of the Question Booklet.
- 3. The Question Booklet Alpha Code allotted to you will be noted in your seating position in the Examination Hall.
- 4. If you get a Question Booklet where the alpha code does not match to the allotted alpha code in the seating position, please draw the attention of the Invigilator IMMEDIATELY.
- The Question Booklet Serial Number is printed on the top right margin of the facing sheet. If your Question Booklet is un-numbered, please get it replaced by new Question Booklet with same alpha code.
- 6. The Question Booklet will be sealed at the middle of the right margin. Candidate should not open the Question Booklet, until the indication is given to start answering.
- 7. Immediately after the commencement of the examination, the candidate should check that the Question Booklet supplied to him/her contains all the 100 questions in serial order. The Question Booklet does not have unprinted or torn or missing pages and if so he/she should bring it to the notice of the Invigilator and get it replaced by a complete booklet with same alpha code. This is most important.
- 8. A blank sheet of paper is attached to the Question Booklet. This may be used for rough work.
- 9. Please read carefully all the instructions on the reverse of the Answer Sheet before marking your answers.
- 10. Each question is provided with four choices (A), (B), (C) and (D) having one correct answer. Choose the correct answer and darken the bubble corresponding to the question number using Blue or Black Ball Point Pen in the OMR Answer Sheet.
- 11. Each correct answer carries 1 mark and for each wrong answer 1/3 mark will be deducted. No negative mark for unattended questions.
- 12. No candidate will be allowed to leave the examination hall till the end of the session and without handing over his/her Answer Sheet to the Invigilator. Candidates should ensure that the Invigilator has verified all the entries in the Register Number Coding Sheet and that the Invigilator has affixed his/her signature in the space provided.
- 13. Strict compliance of instructions is essential. Any malpractice or attempt to commit any kind of malpractice in the Examination will result in the disqualification of the candidate.

A -2-

1.	Caustic soda is A) Sodium hydroxide B) Sodium chloride C) Sodium carbonate D) Sodium bicarbonate	
2.	Which among the following preparation is deficiency? A) Weak iodine solution B) Strong iodine solution C) Aqueous iodine solution D) Iodine tincture	s used as a source of iodine in iodine
3.	In the assay of boric acid, glycerin is adde A) Dissolve boric acid B) Increase basicity C) Increase acidity D) Decrease acidity	d to boric acid to
4.	In cyanide poisoning, sodium nitrite is used as A) Sodium metabisulphite B) Sodium thiocyanate C) Potassium iodide D) Sodium thiosulphate	s an antidote along with which compound?
5.	 An antiseptic solution generally used for cl A) Hydrogen peroxide solution B) Lugol's solution C) Ammonia solution D) Potassium permanganate solution 	eaning wounds and ears is
6.	Drugs which help in eliminating exudations A) Emetics C) Astringents	B from bronchi are known as B) Expectorants D) Cathartics
7.	Calcium gluconate is assayed by A) Acid – base titration B) Redox titration C) Complexometric titration D) Non-aqueous titration	
Λ		

A -3

8.	Chlorinated lime and boric acid solution is I A) Eusol C) Lugol's solution	B)	wn as Lysol Dakin's solution
9.	Bleaching powder is A) Chlorinated lime B) Soda lime C) Sodium bicarbonate D) Calcium carbonate		
10.	Nutritional deficiency of calcium leads to A) Hypercalcaemia B) Hypokalemia C) Hypocalcaemia D) Hyponatremia		
11.	In radiation sterilization, the gamma rays w A) Cobalt – 60 C) Gold – 198	B)	obtained from lodine – 131 Selenium – 80
12.	Which among the following method is used for A) Dry heat sterilizationB) Moist heat sterilizationC) Gaseous sterilizationD) Radiation sterilization	or th	ne sterilization of surgical dressings ?
13.	Which among the following method representA) Sterilization using gasesB) Sterilization by filtrationC) Sterilization using radiationD) Sterilization using moist heat	it the	e chemical cold sterilization method ?
14.	The membrane filters used for sterilization A) $0.02\pm0.01~\mu m$ B) $0.22\pm0.02~\mu m$ C) $0.11\pm0.01~\mu m$ D) $0.65\pm0.02~\mu m$	has	the pore size of

Α	-5-
20.	The plasticizer used in capsule shell is A) Silicones B) Glycol ester C) Talc D) Glycerol
19.	Which among the following capsule number represent the maximum capacity of the capsule ? A) 000 B) 5 C) 4 D) 0
18.	The flow properties of the granules from hopper to die of the tablet machine is improved by the addition of A) Disintegrants B) Binders C) Glidants D) Diluents
17.	Which among the following material is used for enteric coating of tablet? A) Cellulose acetate phthalate B) Hydroxypropyl methyl cellulose C) Methylhydroxy ethyl cellulose D) Polyethylene glycols
16.	The unequal distribution of colour on the surface of the tablet is known as A) Orange-peel effect B) Twinning C) Bloom D) Mottling
15.	The optimum moisture content of the capsule shell is ranged between A) $12-15\%$ B) $2-6\%$ C) $8-12\%$ D) $18-22\%$

21.	Cupraloin test is used A) Aloe emodin	for the identification B) Arabinose		Aloesin	D)	Isobarbaloin
22.	Give an example of AA) Picrorhiza	ntidiabetic drug. B) Pterocarpus	C)	Punarnava	D)	Ipecac
23.	Reagent used in Ergo A) Paramethyl amino B) Amino ethyl benza C) Paradimethyl amin D) Diethyl amino ben	benzaldehyde, sulph aldehyde, sulphuric ac no benzaldehyde, sulp	cid a ohu	and ferric chloride ric acid and ferric	chlo	
24.	Rhubarb belongs to the A) Rhamnaceae C) Rosaceae	he family		Polygonaceae Combretaceae		
25.	Steroid found in the fl A) Digoxigenin C) Digitalose	owers and leaves of I	B)	talis purpurea Digitoxose None of the abov	е	
26.	Which of the following A) Cuprea bark C) Jesuits bark	g is the substitute of c	B)	nona bark ? Peruvian bark Countess bark		
27.	Senna consists of the A) Dried leaflets of C B) Dried leaflets of C C) Dried leaflets of C D) Dried leaflets of C	assia auriculata belor assia acutifolia belong assia fistula belongs t	gs to	o the family Legun ne family Liliaceae	ninc	sae
28.	Gum resin derived fro A) Myrrh	om incision given on th B) Benzoin		tem of Commopho Tolu		mukul is Guggul
29.	Which of the following i) Paste A) Only ii and iii C) Only i and iii	g is the purest form of ii) Mass	iii) B)	afoetida ? Tear Only i and ii All of the above i,	ii a	nd iii
30.	Raw opium that has I eight percent of morp A) Poppy straw C) Opium residue		B)	for smoking and themp Prepared opium	nat	contains about

A -6-

	C) Hair dressings	D) Brilliantines
40.	Depilatories are used as A) Hair removers	B) Hair waving preparations
39.	Intravenous administration of calories, ni quantities to achieve tissue synthesis is ca A) I.V. admixtures C) Total oral nutrition	
38.	Example for a cationic emulsifying agent A) Dioctyl sodium sulphosuccinate B) Polyoxyethylene sorbitan mono-oleate C) Cetyl trimethyl ammonium bromide D) Sodium carboxymethyl cellulose	
37.	Which of the following is used as an antipe A) Selenium sulphide C) Sodium lauryl sulphate	erspirant ? B) Aluminium chlorohydrate D) Triethanolamine
36.	The sediment consists of loosely packed structure is seen in A) Flocculated suspension C) Non-flocculated suspension	particles possessing a scaffolding like B) Newtonian suspensions D) All of the above
35.	Give an example of Cryoprotectants used i A) Tween 80 C) Propyl para hydroxyl benzoate	in Parenterals. B) Polyethylene glycol D) Span 20
34.	Green colour cap coding is used for packin A) Non-steroids C) Mydriatics	ng of ophthalmic products containing B) Steroids D) Miotics
33.	Give an example of indiffusible solid. A) Light Kaolin C) Aromatic chalk powder	B) PhenolphthaleinD) Light magnesium carbonate
32.	Water attack test is used for the detection (A) Type II glass C) Type III glass	of B) Type I glass D) Type NP glass
31.	Surfactants having HLB values between set A) Antifoaming agents C) Wetting agents	even and nine (7 – 9) are B) W/O emulsifying agents D) Detergents

41.	The stabilising agent	used in making forma	alde	hyde solution		
	A) Methanol	B) Ethanol	C)	Propanol	D)	Ascorbic acid
42.	Which chemical is give	en in conjugation with	n Is	oniazid to avoid its	ne	urotoxicity?
	A) Ascorbic acid	B) Riboflavin	C)	Pyridoxine	D)	Thiamine
43.	Which therapeutic in the beta lactum ring?		orm	ed when beta lact	ama	ase hydrolyses
	A) Penicillic acid	B) Penicillinase	C)	Penicillamine	D)	Phenethicillin
44.	Which of the following	g is a polyene antifunç	gal a	antibiotic ?		
	A) Amphotericin		B)	Tolnaftate		
	C) Undecylenic acid		D)	Cephalothin		
45.	Fully substituted pyrir	midine nucleus is four	nd ir	1		
	A) Chloroquine		B)	Primaquine		
	C) Proguanil		D)	Pyrimethamine		
46.	Which butyrophenone phenothiazine?	e compound with the	rape	eutic actions and u	uses	s are similar to
	A) Haloperidol		B)	Chlorpromazine		
	C) Diazepam		D)	Lorazepam		
47.	Which form of adrena	ıline is having maximı	ım l	biological activity?	•	
	A) Dextro	B) Levo	C)	Cis	D)	Trans
48.	Which salt of hyoscin	e is most stable and p	орі	ularly accepted?		
	A) Methonitrate		B)	Butylbromide		
	C) Hydrobromide		D)	Methobromide		
49.	The substitute position	n of chlorine in chlortl	hiaz	zide diuretic is		
	A) 6	B) 5	C)	7	D)	3
50.	The antineoplastic dr	ug containing pyrimid	ine	nucleus		
	A) Cisplatin		B)	Busulphan		
	C) Mitomycin		D)	Fluorouracil		

Α

51.	Paracetamol overdosage is	treated with		
	A) N-Acetyl Cysteine	B)	Calcium Disodium	n EDTA
	C) d-Penicillamine	D)	Dimercaprol	
52.	Inhibition of GABA transami	•		
	A) Sodium valproate	•	Phenobarbitone	
	C) Phenytoin	(ت	Carbamazepine	
53.	The antiviral agent also use	ed in treatment of P	arkinsonism	
	A) Levodopa		Amantadine	
	C) Selegiline	D)	Carbidopa	
- 4	D: 11 11 14			
54.	Diagnostic agent used in My		NI C	
	A) Pralidoxime	•	Neostigmine	
	C) Physostigmine	(ت	Edrophonium	
55.	The most potent mydriatic a	agent with longest o	duration of action	
	A) Homatropine	B)	Tropicamide	
	C) Atropine	D)	Cyclopentolate	
- 0	Malala afala afallanda a tana		in a Austilainta anima (,
56.	Which of the following is no	•		
	A) Astemizole B) Pr	romethazine C)	Cetrizine	D) Loratidine
57.	The cardiac glycoside comr	monly given by par	enteral route in em	ergency
	= -		Digoxin	D) Milrinone
			_	·
58.	The angiotensin receptor ar	•	• •	
	A) Captopril B) Er	nalapril C)	Losartan	D) Nifedipine
59	Insulin is usually given to di	ahetic natients by y	which route ?	
00.	A) Oral		Intravenous	
	C) Intraspinal	•	Subcutaneous	
	о, аср а.	_,		
60.	The drug of choice for treati	ment of Typhoid fe	ver is	
	A) Erythromycin	B)	Amoxycillin	
	C) Chloramphenicol	D)	Nafcillin	

A

- 61. The licence for wholesale of drugs specified in Schedule X is issued in
 - A) Form 20 A
 - B) Form 20 B
 - C) Form 20 F
 - D) Form 20 G
- 62. Anyone who contravenes any provision of the Drugs and Magic Remedies Act shall on first conviction be liable to
 - A) 1 month of imprisonment or fine or both
 - B) 3 months of imprisonment or fine or both
 - C) 6 months of imprisonment or fine or both
 - D) 1 year of imprisonment or fine or both
- 63. Offences committed under NDPS Act, 1985 shall be triable by the Special Court constituted under the Act, where the punishment is
 - A) More than 5 years
 - B) More than 3 years
 - C) More than 2 years
 - D) More than 1 year
- 64. Intra-uterine devices are tested at
 - A) Central Research Institute, Kasauli
 - B) Central Drugs Testing Laboratory, Thane
 - C) Central Drugs Laboratory, Calcutta
 - D) Indian Pharmacopoeial Laboratory, Ghaziabad
- 65. Loan licence is issued under Drugs and Cosmetics Act for the manufacture of drugs other than those specified in
 - A) Schedule C
 - B) Schedule C1
 - C) Schedule X
 - D) All of the above
- 66. Drug inspectors should intimate the purpose of taking drug samples to the person concerned in
 - A) Form 15
 - B) Form 16
 - C) Form 17
 - D) Form 18

A -10-

Δ	-11-
72.	A modern drug store should fulfil all minimum requirements as specified in of the Drugs and Cosmetics Act, 1940 and Rules 1945. A) Schedule M B) Schedule N C) Schedule P D) Schedule S
71.	Inventories moving temporarily because of seasonal production are called A) Obsolete items B) Surplus items C) Dormant items D) Scrap items
70.	The number of nominated members to the State Pharmacy Council are A) 3 B) 4 C) 5 D) 6
69.	If a drug contains any harmful or toxic substance, which may render it injurious to health, it is called A) Adulterated drug B) Spurious drug C) Misbranded drug D) Not of standard quality drug
68.	The Narcotic Drugs and Psychotropic Substances Order came into force in A) 1983 B) 1985 C) 1993 D) 1995
	A) 1947 B) 1948 C) 1949 D) 1950

67. The first Central Council was constituted by the Central Government in

73.	One among the follow	ving is not a source o	f se	condary data for m	nark	et research
	A) Sales turnover		B)	Annual report		
	C) Trade journals		D)	Market research		
74.	The method in which called	a code is assigned	to s	tored items for ea	isy i	dentification is
	A) Block method		B)	Mnemonic metho	d	
	C) Combination meth	nod	D)	Alphanumeric me	etho	d
	The inventory carryin (i) Cost of insurance (ii) Cost of paper wor (iii) Cost of taxes (iv) Cost of posting		by i	tems like		
	A) (i) and (ii)	B) (i) and (iii)	C)	(ii) and (iii)	D)	(ii) and (iv)
76.	The capital necessary expenses is called	to maintain a minimur	n le	vel of stock and for	pay	ment of regular
	A) Fixed capital		B)	Revolving capital		
	C) Temporary working	ng capital	D)	Permanent worki	ng c	capital
77.	The bank launched services is	in India for promotin	g th	ne export and imp	oort	of goods and
	A) SBI	B) IFCI	C)	IDBI	D)	Exim Bank
78.	The lower limit below fall is	which the stock of an	y ite	m, should not norr	nall	y be allowed to
	A) Lead stock		B)	Average stock		
	C) Buffer stock		D)	Reorder stock		
79.	The items which cons 10% of the total inver		bud	get of inventories,	but	represent only
	A) A items	,	B)	B items		
	C) C items		D)	None of the abov	е	
80.	Pre-determined scrap A) Anticipated scrap B) Administrative scr C) Legitimate scrap D) Defective scrap					

A

81.	The efficiency of HEPA filter can be teste A) Sterility test B) Clarity test C) Dioctyl phthalate smoke test D) Particle counter	d using
82.	Pharmacy and Therapeutic Committee has A) ADR monitoring and reporting B) Preparation of drug list and emergence C) Medical record services D) Drug utilization review	·
83.	MEDLINE is a drug information resource A) Primary resource B) Secondary resource C) Tertiary resource D) Primary literature	categorised under
84.	Test for water holding capacity is stated in A) Adhesive tape B) Elastic bandage C) Crepe bandage D) Absorbent cotton wool	n Indian Pharmacopoeia for
85.	'Clean room area' means A) Socially clean area free from particula B) Socially clean area C) Aseptic area D) Area with high standards of cleanlines	
86.	Satellite pharmacy a mode of drug distrib A) Charge floor stock system B) Centralised unit dose dispensing syste C) Decentralised unit dose dispensing sy D) Individual prescription system	em
87.	Automatic stop order is used for A) OTC drugs C) Orphan drugs	B) Dangerous drugs D) Counterfeit drugs

A -13-

88. Absorbable sutureA) Nylon suture 2/B) Silk suture braiC) CottonD) Catgut chromic	/0 (revere cutting) ded 2/0		
89. Tuberculin syringe A) 1 ml	e is available in B) 2 ml	C) 3 ml	D) 5 ml
90. Which one is usedA) Endotracheal toB) Ryle's tubeC) Metal catheterD) Rubber catheter	ube	tomach contents ?	
91. Withdrawal sympton A) Oxycodone B) Meperidine C) Methadone D) Heroin	oms of opioids can	be managed with	
92. Bioavailability increase.A) non-ionised forB) ionised formC) crystalline formD) hydrated form	m	are in	
93. Insulin induced hyA) Type A AdversB) Type B AdversC) Type C AdversD) Type D Advers	e Drug Reaction e Drug Reaction e Drug Reaction	ssified under	
94. A method to improA) Patient counseB) Proper packagC) Simplification ofD) All the above	lling ing and labelling		

Α

95.	Serum sodium level is A) 3.4 – 4.5 mmol/L B) 2.2 – 2.6 mmol C) 135 – 145 mmol/L D) 110 – 120 mmol/L
96.	Metoclopramide if given with paracetamol A) Increase metabolism of paracetamol B) Decrease analgesic effect C) Decrease onset time for analgesia D) Combination is pharmacologically inactive
97.	Fatigue, weight loss, chronic cough, night sweats, chest pain are clinical symptoms of A) Angina pectoris B) Tuberculosis C) Hypertension D) Diabetes mellitus
98.	HBsAg testing is done to detect the presence of A) Hepatitis A virus B) Chickenpox virus C) Hepatitis B virus D) Hepatitis C virus
99.	Amphetamine poisoning can be treated with A) Thiamine B) Ascorbic acid C) Sodium bicarbonate D) Ammonia
100.	If two or more dosage forms of same drug contain same labelled quantities of the drug, they are A) Therapeutic equivalent B) Chemical equivalent

A -15-

C) Clinical equivalentD) None of these

Space for Rough Work

A -16-