

3) a)

a)

## www.FirstRanker.com

www.FirstRanker.com

ATAL BIHARI VAJPAYLE MEDICAL UNIVERSITY, LUCKNOW AL BIHARI VAJPATAL EXAMINATION - NOV -2022
MBBS IIND PROFESSIONAL EXAMINATION - NOV -2022

~	TIME		SUBJECT : PI		OI PAPER - II		
	Note: Atta				Max. Marks:	100	
a	nswered all que	stions Annual	PART A and PART-BIN	separa	te answer books. All par	t of a q	uestion should be
	inswered together.	- MISW	er PART- A and PART - B in				
			PART	-A	PAPER CODI		
,	LONE ADDITION				PAPER CODI	:: 2212	130003
	Long Answer Qu	estion			(4+4+3+4	= 15)	
	- Years old	- •	d to the OPD with the com	plaint	s of polydineis and note		
	disinvestigation	reveals that	d to the OPD with the corn his HbA1c level is 8%, and	FBS w	as 235 ma/di u	ırıa.	l case of tune 2
	diabetes mellitus		The trace level is only		as 255 mg/di. He was di	agnose	as a case of type 2
	Address the follo	wing:					
	Classify th	e oral anti-di	abetic agents.				
	b) Write brief	Ry about med	chanism of action, adver				
	c) Discuss the	e life style me	odifications for this patie	se effe	cts and contraindication	s of Me	tformin?
_	Discuss bri	efly manage	ment of Diabetic Ketoac	ent.			
Q.	2 Short Notes Quest	tion-	ment of Diabetic Ketoaci	idosis.			
	a) Pharmacon	tions	(within 500 words)		(5x3=15)		
	· i ai maco	therapy of Fr	storie face		(565-15)		
		wascular use	e of B blook				
Q.3			ributes of good commun	nicatio	n by the destas with the		
4.5	Short Answer Ques	stions (	within 100 words)	readio	n by the doctor with his	patient	5.
	~ inBioreusit	Converting	Fnzyme Inhibitors and (	Spiron	(2 x 5 = 10 )		
	b) Role of Thro	ombolytids i	n acute Myocardial Infa	rction	oractone should not be	combin	ed?
	c) Amoxicillin	is combined	with clavulanic acid	ction.	~		
	-/ Aspirin can	ead to pepti	ic ulcer.				
	e) Trimethopri	m is combine	ed with sulfamethoxazo	2.7			
Q.4	Multiple Choice Qu		eo with sunamethoxazo	ile.			
1)	Thinzide diuraties as	estions			(1 x 10 = 10	)	
-/	substance diureucs an	id Furosemi	de have directionally op	posite	effect on the net renal	excreti	on of the following
-1						cheren	on of the following
a)	Uric acid	(b)	Calcium	(c)	Magnesium	(d)	Diesekonska
?) /	Rivaroxaban is?					(4)	Bicarbonate
a)	Factor Xa inhibitor	(b)	Direct Thrombin	(c)	Vit K antagonist	<i>(</i> . p.	
			inhibitor	(-,	vic K antagonist	(d)	Unfractionated Heparin
	sta blacker net wood	In house full					
	eta blocker not used						
)	Atenolol	(b)	Carvedilol	(c)	Metoprolol	(d)	Bisoprolol
Dig	oxin toxicity is incre	ased by:				,	pisobiolol
)	Hyperkalemia	(b)	Hypokalemia	(c)	Umarata		
		-		(c)	Hypocalcemia	(d)	Hypermagnesemia
		f clopidogre	el as an antiplatelet ag	ent is	:		
) B	By thromboxane A2	(b) I	Inhibition of ADP	(c)	GPIIb/IIIa inhibition	(4)	Dud
	inhibition		mediated cAMP	,	, minibition	(d)	By increasing PGI <sub>2</sub> lev
W		drug is a pa	ntaccium channel and				
9)	Dipyridamole	(L)	otassium channel oper		th anti-anginal activit	ty?	
		(P)	Nicorandil	(c)	Trimetazidine	(d)	Oxyphedrine
(a)	which of the followin	g drugs has	been shown to reduce	morto	lite in about 1		Oxyphedime
-,	Vieuoloj	(p)	Digoxin .	'norto	iity in chronic heart f	ailure	patients?
8)	Which of the following	or is used in	- Goville .	(c)	Frusemide	(d)	Spironolactone
a)	Propranolol	y is usea in	subarachnoid hemorrh	age			
9)		(0)	Rotamath	(c)	Nifedipine.	(d)	Nimodipine
3/	which of the followin	g drugs is al	realistation and a stand	ed in	the treatment of hype	rtensio	on in pregnant patients?  Hydralazine
a)	Methyldopa		Solutely contraindico.	(c)	Enalapril	(d)	Hydralazine
	ть	(P)	Amlodipine	(6)			
10)	rne combination of a	ntiancinai	Amlodipine trugs that should be a	yorded	Nitroglcerine and	(d)	Amlodipine and a β
a)	Verapamil and a β	/ks	litroglycerine and a B	(c)	Nitroglcerine and verapamil	(5)	receptor antagonist
	receptor antagonic	(p) N	receptor antagonist	70	Verapaiiii		



## www.FirstRanker.com PART-B

PAPER CODE: 2212230005 www.FirstRanker.com

## Q.1 Long Answer Question

A 35-year male, working as a senior executive in a multinational company came to the OPD with complaints of episodes of headache, palpitations, and rest episodes of headache, palpitations, and restlessness. His blood pressure was 150/96. He was advised dietary modifications, lifestyle changes, and arked modifications, lifestyle changes, and asked to report after one week with regular monitoring of blood pressure. His blood pressure was still 150/90. He was discovered by the change of blood pressure was still 150/90. He was diagnosed to be a case of Stage I hypertension.

Address the following:

- Classify the drugs used for hypertension a)
- Briefly write the management of the above-mentioned case of Stage-I hypertension.

  Discuss the role of combiners: b)

	c) Discuss the foli	e or co	mbination drug therapy i	ab a f	management of hype	tens			
Q.2	Short Notes Questions		(within 500 words)	(5x 3 = 1	( 5x 3 = 15 )				
	a) Treatment of a	cuto i	(Con main 300 words)		(2				
	b) Management o	f sout	on poisoning						
	c) Anticancer dru	acut	e attack of angina						
Q.3		gindu	ced toxicity and its amelic	ration		0.1			
ų,s	Short Allswer Question	(within 100 words)	(2 x 5 = 1	0)					
	<ul> <li>a) Combination ch</li> </ul>	herapy in Tuberculosis.							
	b) SGLIZ inhibito	rs.							
	c) Enumerate adv	erse e	ffects of corticosteroids.						
	d) Drug treatment	ute gout							
	e) Enumerate adv	erse e	ffects of thiazide diuretics	i.,					
Q.4	Multiple Choice Quest	ions		(1 x 10 =					
1)	Which of the following agents should be given to achieve rapid control of the severe diabetic ketoacidosis?								
a)	Regular Insulin	(b)	Glyburide	(c)	Insulin Glargine	(d)	Tolbutamide		
2)	Most effective physiolo	ogical e	antagonist of histamine in	smoo	th muscle is				
a)		(b)	Epinephrine	(c)	Ranitidine	(d)	Sumatriptan		
3)	All of the following dru	gs are	antiemetics, Except:				_		
a)	Metoclopramide	(b)	Ondansetron	(c)	Domperidone	(d)	Apomorphine Hydrochloride		
4)	Bisacodyl is						,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		
a)	Bulk forming	(b)	Stool softener	(c)	Stimulant purgative	(d)	Osmotic purgative		
5)	Sulfa drug used in the	treatm	ent of inflammatory bowe	el dise	ase is				
a)		(b)		(c)	Sulphadoxine	(d)	Sulfinpyrazone		
6)	Heparin acts by bindin	a to							
a)		(b)	Thrombin	(c)	Antithrombin III	(d)	Von Willebrand factor		
7)	Which of the following	is a 5t	th generation Cephalospor	in?					
'/ a		(b)	Ceftobiprole	(c)	Cefepime	(d)	<ul> <li>Cefpirome</li> </ul>		
8)		enzva	ne is inhibited by trimethop	rim?					
a			Dihydrofolate reductase		Aldehyde dehydrogenase	(d)	DNA gyrase		
9)	Most Nephrotoxic anti-	cancer	drug is						
a)		(b)	Bleomycin	(c)	Nitrosoureas	(d)	Vincristine		
10)		antim	alarial drug is to be given	with d	extrose to avoid the ri	sk of h	vpoalvcemia?		
20)	Quinine	(b)		(c)					