MBBS: Physiology	Paper 2 Part 1.	ABVMU	UP Pap	er Code: 211 21 30002		
1. Describe cardiac cyc	h diagram	(20 marks)				
2. Describe in Brief		(4x5 = 20 marks)				
(a) Disorder of grow	(b) Hormo	Hormones involved in blood sugar regulation				
(c) Cardiac output & its regulations		(d) Mechan	(d) Mechanism of action of Oral contraceptive pills			
3. Multiple choice ques	((One mark per question: total 10 marks)				
(a) Most potent vaspressor is						
A) Angiotensin	II B) Nor –ej	pinephrine	C) Aldosterone	D) Cortisol		
(b) Dilatation of capillaries result due to						
A) 5- HT	B) Nor-epinephrine C) Low temperature		re D) Axon reflex			
(c) Heart rate is maximum in normal						
A) Foetus	B) New born	C) Adult	D) Old age		
(d) Thyroid hormones belongs to which class						
A) Steroid	B) Proteins	C) Poly	peptides	D) Amino acid derivative		
(e) Weight of normal pituitary gland is						
A) 0.5 gm	B) 1 gm	C) 1.5 gn	ı I	D) 2 gm		
(f) Acromegaly is characterized by						
A) Prognathism	B) Acromegalic facio	es C) Hypertr	ophy of body soft ti	issues D) All of above		
(g) Calcitonin is produced by						
A) Thyroid gland	B) Parathyroid	gland C) A	Adrenal gland	D) Pitutary gland		
(h) The thyroid hormone mainly effective at tissue level						
A) Free T3	B) Free T4	C) Both are ec	ually effective	D) MIT		
(I) Oogonia is derived from						
A) Amnion	B) Yolk sac	C) Stroma of o	vary D)) Germinal epithelium		
(j) PH range of semen is						
A) 6.2-6.5	B) 7.0-7.3	C) 7.3-7.5]	D) 7.5-7.9		

28 Jan 2022

Max marks 50

MBBS: Physiology Pa	aper 2 Part 2.	ABVMUUP Paj	per Code: 2112230002		
1. Describe the image formation in eye and various type of refractory errors & their corrections (20)					
2. Describe in brief(a) Parkinson disease(c) Aphasia		(b) Conductive deafness (d) Brown- sequard syn			
3. Multiple choice questions		(Each question carries one mark: Total 10 marks)			
(a) Which is NOT an EEG rhythm					
A) Alpha	B) Beta	C) Gamma	D) Delta		
(b) Basal ganglia include	S				
A) Putamen	B) Caudate	C) Globus pallidu	D) All of above		
(c) Neurotransmitter in Nigrostriatal pathways, is					
A) Dopamine	B) GABA	C) Acetyl choline	D) Nor epinephrine		
(d) The cells in cerebral cortex are organized in how many layers					
A) 2	B) 4	C) 6	D) 8		
(e) Total number of Brodmann's area in each cerebral hemisphere, is					
A) 13	B) 24	C) 32	D) 47		
(f) Number of receptor cells contained within olfactory mucous membrane					
A) 1-2 million	B) 3-5 million	C) 5-10 million	D)10-20 million		
(g) Smell receptors are located in					
A) Lower 1/3 of nasal mucosa		B) Upper 1/3 of nasal mucosa			
C) Olfactory bulb		D) Cribriform plate			
(h) Foot plate of stapes covers					
A) Round window	B) Oval window	C) Tympanic membrane	D) Basilar membrane		
(i) Site where endolymph is seen					
A) Scala vestibule	B) Scala media	C) Tunnel of Corti	D) Scala tympani		
(j) Photo receptors in eye refers to					
A) Rods only	B) Cones only	C) Both of above	D) None of above		
28 Feb 2022			Max marks 50		