## **C.U.SHAH UNIVERSITY Summer Examination-2019**

## Subject Name: Human Anatomy & Physiology – II

Subject Code: 4PS02HAP2			Branch: B.Pharm		
Seme	ster: 2	Date: 25/04/2019	Time: 02:30 To 05:30	Marks: 70	
(1 (2 (3	) Instru ) Draw	of Programmable calculator & any ot actions written on main answer book r neat diagrams and figures (if necess me suitable data if needed.	are strictly to be obeyed.	hibited.	
Q-1		Attempt the following questions:		(14)	
	a)	COPD		(1)	
	,	Inhibitory post synaptic potential		(1)	
		Dementia		(1)	
	<b>d</b> )	Name any 2 pancreatic hormones		(1)	
	<b>e</b> )	Oogenesis		(1)	
	<b>f</b> )	Cataract		(1)	
	0/	Otitis media		(1)	
		Enumerate hormones of pituitary gl	and	(1)	
	i)	Benign prostate hyperplasia		(1)	
	<b>J</b> /	Acid base imbalance		(1)	
		Functions of cerebral cortex		(1)	
	l)	Parkinson's diseases		(1)	
		Poliomyelitis		(1)	
Attom	,	Chronic bronchitis		(1)	
Atten	npt any	four questions from Q-2 to Q-8			
Q-2		Attempt all questions		(14)	
	a)	Discuss on family planning and con	-	(7)	
~ •	b)	Discuss physiology of respiratory s	ystem with suitable diagram	(7)	
Q-3		Attempt all questions		(14)	
	a)	Define reflex arc. Explain reflex arc		(7)	
	b)	Discuss physiology of menstruation	with special reference to female	e (7)	
0.4		hormones			
Q-4		Attempt all questions		(14)	
	a)	Explain in detail lung volumes and opproved spirometry	capacities with special reference	e to (7)	
	b)	Discuss physiology of spermatogen	esis in detail	(7)	
Q-5	~,	Attempt all questions		(14)	
τ.»	a)	Explain structure and physiology of	eve	(7)	
	<b>b</b> )	Draw neat labeled diagram of kidne	•	(7)	
	-	C			



		formation	
Q-6		Attempt all questions	(14)
	a)	Compare and contrast sympathetic and parasympathetic nervous system	(7)
	b)	Classify and explain structure of neurons	(7)
Q-7		Attempt all questions	(14)
	a)	Explain structure of tongue and physiology of taste	(7)
	b)	Enumerate names and functions of cranial nerves	(7)
Q-8		Attempt all questions	(14)
	a)	Draw neat labeled diagram of brain. Explain functions of cerebral cortex	(7)
		and brain stem	
	b)	Discuss physiology of pregnancy and parturition	(7)

