

MCL-21259 Seat No. _____

First Year B. D. S. Examination January - 2017

Physiology, Biochemistry, Nutrition & Dietetics

Tin	ie:	Hours]	[Total Marks	: 70
Ins	truct	tions : (1)	Write answers of each section in separate and book.	swer
		(2)	Answers should be brief and draw necessar	ary
			diagrams whenever necessary.	
		(3)	Illegible writing will not fetch any marks.	
		(4)	Figures to the right indicate full marks.	
		(5)	Attend all the questions.	
		SI	ECTION-I: (PHYSIOLOGY)	
1	Wri	te different	stages of erythropoiesis and regulation of it	. 10
			OR	
1	Des	cribe the re	gulations of arterial blood pressure.	10
2	Write notes on: (Any two)			10
	(a)	Oxygen ha	emoglobin dissociation curve	
	(b)	Hormones	regulating calcium metabolism	
	(c)	Functions	of basal ganglia.	
3	Ans	wer in few	sentences : (Any five)	15
	(a)	a) Functions of platelets		
	(b)	Physiologic	al basis of presbyopia	
	(c)	Physiologic	al basis of resting membrane potential	
	(d)	Adrenal medulla is not essential for life		
	(e)	Safe period	ł	
	(f)	Functions	of Juxtaglomerular apparatus.	

SECTION - II (Biochemistry, Nutrition & Dietetics)

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