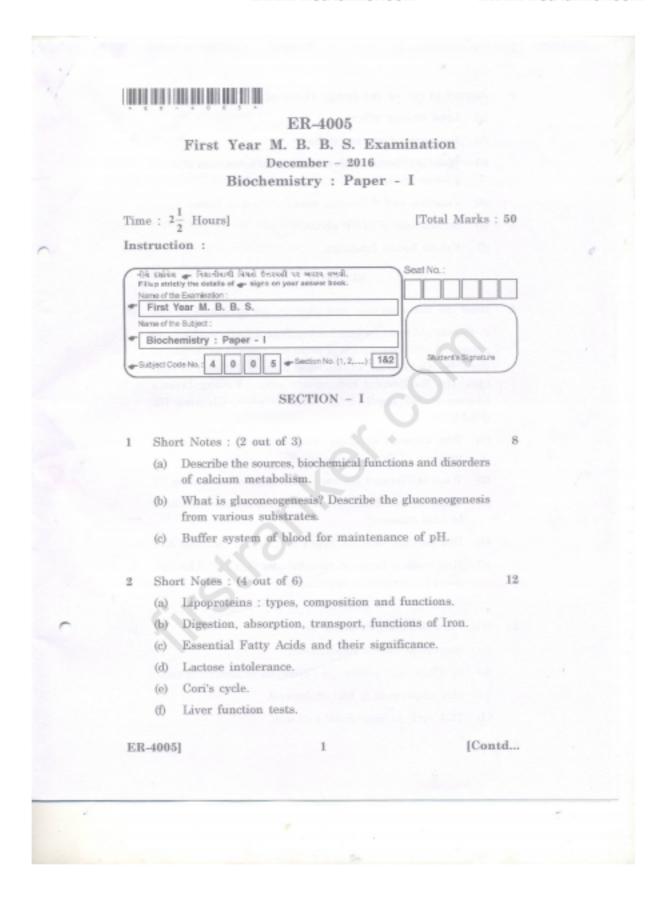


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	3 Answer in one or two lines : (5 out of 6) 5	
	(a) Lead toxicity effects.	
	(b) Functions of prostaglandins.	
	(c) Blood is collected in fluoride bulb for estimation of blood glucose level.	
	(d) Function and deficiency manifestation of iodine.	
	(e) Significance of HMP shunt.	
	(f) Ketone bodies functions,	
	SECTION - II	
	4 Read the following case and answers the questions: 10	
	A 45 year old male patient having Type 2 Diabetes Mellitus presented with complaints of impaired vision and feeling of tiredness. Ophthalmic examination showed Cataract in both eyes. His Biochemical test reports were: Fasting Plasma Glucose = 300 mg/dl, Urine Glucose ++++, Glycated Hb (HbA1C) = 12%.	
	(1) Why Cataract develops more commonly and earlier in patients of Diabetes Mellitus?	
	(2) What is Glycated Hb and significance of estimating it?	
	(3) What are other late complications of Diabetes Mellitus besides cataract?	
	(4) Differentiate between Type1 and Type 2 Diabetes Mellitus.	
	(5) How much is the renal threshold for Glucose? What are the other causes of Glycosuria?	
	5 Write justification : (5 out of 7)	
	(a) Starvation causes ketoacidosis.	
	accountaines.	
	<ul><li>(b) In RBCs, end product of Glycolysis is always lactate.</li><li>(c) LDL cholesterol is bad cholesterol.</li></ul>	
	(d) TCA cycle is amphibolic pathway.	
	y and the samplinoist pathway.	
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	(6	e) Hemolyses of potassis		is not suitable	for estimation	n	
	O	Aspirin is	used as anti-i	nflammatory d	rug.		
	(4			ose 6 Phosphate aced hemolysis.		e	
	6 A	nswer in one	or two lines :	(5 out of 6)		5	
	(;		of selenium				
	(1	) Functions	of magnesium				
	(6						
	(6		of dietary fibr	68.			
	(6	e) Physiologi	cally importan	glycosides			
	(f		ynamic action (				
			N	0,			
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