	Enrollmo	ent No:		Exam Seat No:		
			CUSHAH	UNIVERSITY		
	Summer Examination-2017					
	Subject Name : Hematology :Transfusion Medicine					
	Subject (Code: 2	SC02HTMI	Branch: PGDMLT		
	Semester	::2	Date: 04/05/2017	Time: 02:00 To 05:00	Marks: 70	
	Instructio	ons:				
			_	y other electronic instrument is pro	hibited.	
				ook are strictly to be obeyed.		
			at diagrams and figures (if ne suitable data if needed.	cessary) at right places.		
	(4) 1	issume	suitable data il needed.			
Q-1	ı	Attem	pt the following questions:		(14)	
Q-1	L	7 TUCHI	pt the following questions.		(14)	
	a)			blood collection in haematology	1	
	b)		erate four RBC indices		1	
	c)		erate methods for measuremen		1	
	d)		wo stains used for reticulocy	te count	1	
	e)		abeled diagram of basophil	. 1	1	
	f)		erate special stains used for h		1	
	g)		wo abnormal shapes of RBC		1	
	h)		the contents of CPDA blood l		1	
	i)		name of four blood componer uses of incubator in blood bar		1 1	
	j)					
	k) l)		on names of four serological t methods of detection of Hb ir		1 1	
	m)		ses of coombs sera in blood b	-	1	
	n)		ses of coomos sera in blood tank		1	
Atte	,		estions from Q-2 to Q-8		1	
Q-2	2	Attem	pt all questions		(14)	
V -2	a		be procedure of leishman stai	in	6	
	b		-	amination proforma and its interpre		
Q-3			pt all questions	FPro-		
	a		be quality control of various	reagents used in blood bank	8	
	b		be quality control of refrigera	-	6	



Give details of waste management done in blood bank

Write procedure of sickling test and its significance

What is prothrombin time and its significance

Write method of NESTROFT test and LE cell preparation

Mention various types of blood bags used for storage of blood

Q-4

Q-5

a

b

a

b

c

Attempt all questions

Q-6		Attempt all questions				
	a	Define anaemia and give its classification and investigations.				
	b	Give a brief account on hemolytic anaemia.	5			
	c	Write sahli method of heamoglobin estimation	4			
Q-7		Attempt all questions				
	a	Describe various blood transfusion reactions	8			
	b	Write down the investigation protocol for blood transfusion reaction	6			
Q-8		Attempt all questions				
	a	Write the methods of component separation in blood bank and their indications.	8			
	b	Write the donor selection criterias in blood bank.	6			

