

PARUL UNIVERSITY
DEPARTMENT OF PARAMEDICAL AND HEALTH SCIENCES
1st year Internal Exam, March 2022

Year: 1st year M.Sc. MLT

Date: 07/03/2022

Subject code: 1920701

Time: 10:30 AM

Subject Name: Basic Pathology and Haematology

Total Marks: 40 marks

Instructions:

1. Attempt all questions from each section
2. Figures to the right indicate full marks.
3. Make suitable assumptions wherever necessary.

Q.1:	Answer the following Questions (Any 5 out of 7) (Each 1 Mark)	05 marks
	(i) Define oligouria	
	(ii) Name of Ketone bodies	
	(iii) Name of clotting factors	
	(iv) Define Hemostasis	
	(v) Parts of Blood Smear	
	(vi) Define Agglutination Reaction	
	(vii) Define Stem Cells	
Q.2:	Answer the following Questions (Any 5 out of 7) (Each 2 marks)	10 marks
	(i) Explain about Urinary tract system, its function and parts.	
	(ii) Write a function of cerebrospinal fluid.	
	(iii) Write a brief note about erythroblastosis fetalis.	
	(iv) Explain test for occult blood.	
	(v) Draw a schematic diagram of hematopoiesis.	
	(vi) Explain methods use for specific gravity.	
	(vii) Write a detailed principle of Benedict test.	
Q.3:	Answer the following Questions (Any 2 out of 3) (Each 5 Marks)	10 marks
	(i) Write a short not on cultural and sensitivity examination of Urine	
	(ii) Explain ABO blood group system	
	(iii) Explain normal physiology of blood cell distruction.	
Q.4:	Answer the following Questions (Any 2 out of 3) (Each 7.5 marks)	15 marks
	(i) Write a detail note on urine routine examination.	
	(ii) Write a detailed pathway of Hemostasis.	
	(iii) Write a detail note on Routine Examination of stool.	