

Vadodara Municipal Corporation

Name of Post: Lab Technician

Written Exam Syllabus

Tentative Exam Date 15-12-2019

Questions: 100		Total Marks: 200	Duration: 2 hrs
S. No.	Subject Description	Marks	
1.	General Knowledge	20	
2.	GPMC Act / Government Regulations (Health related)	20	
3.	Questions related to Laboratory Technician Course	140	
	<ul style="list-style-type: none"> • Basic Haematology <ul style="list-style-type: none"> ○ Composition of blood and its functions ○ Origin, Development, and morphology of Blood cells ○ Basic concepts of Anaemia, Leukaemia, and hemorrhagic disorder • Blood Banking and Immune Haematology <ul style="list-style-type: none"> ○ Methods of estimation of Hemoglobin ○ Methods of determination of PCV ○ Blood Group- methods of grouping and ungrouping ○ Blood transfusion and hazards • Clinical Pathology (body fluids) and Parasitological <ul style="list-style-type: none"> ○ Reception of Patients ○ The Microscope- Types, Parts, Cleaning, and Care ○ Examination of Urine ○ Examination of Body Fluids • Clinical Biochemistry <ul style="list-style-type: none"> ○ Definition of Antigen and Antibody ○ Clinical Enzymology ○ Disorders of Carbohydrates ○ Nutritional Disorders ○ Liver function test • Microbiology <ul style="list-style-type: none"> ○ Laboratory diagnosis ○ Biosafety measures ○ Examination of stool ○ Quality control • Immunology <ul style="list-style-type: none"> ○ Antigens and Antibodies ○ Types of Antigens 		
3.	Advances in the field of Laboratory Technology	20	
		Total Marks	200

Note: Each right answer will be given 2 marks. Negative marks for wrong answer – 0.5 marks.