

RAN-3712

Second Year M.B.B.S. Examination

July - 2020

Microbiology: Paper - I

(General Microbiology, Immunology and Parasitology)

Time: 2 Hours		[Total Marks: 40				
સૂચના : /	Instructions	Use of Enrichment medium				
Name o	વિલ ● નિશાનીવાળી વિગતો ઉત્તરવહી પર અવશ્ય લખવી. strictly the details of ● signs on your answer book of the Examination: cond Year M.B.B.S. of the Subject: robiology: Paper - I (General Microbiology, Immunology and Parasitology) Code No.: 3 7 1 2 Section - I	Seat No.: Student's Signature				
Q.1.	Write notes on:					
1.	Describe morphology,life cycle pathogenesis & La Ascaris Lumbricoides.	aboratory Diagnosis of 08				
	OR					
1.	Define Sterilization.Describe in detail about princi Autoclave.	iple and uses of 08				
Q.2.	Write short notes on: (Any Three)	12				
a)	Real Time PCR.					
_b)	Difference between Amoebic dysentry and Bacillary dysentry.					
(عر	Bacterial Growth Curve.		109			
. d)	Laboratory diagnosis of Kala Azar.		Satulory decline			
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Q.3.	Write notes on : (Any Two)			
_a)	Laboratory diagnosis of Malaria.			
b)	Bacterial Plasmid.			
.c)	Sterilization by Radiation.			
Q.4	Write in short: (1-2 Sentences)			
a)	Use of Dark ground Microscopy.			
b)	Chemical structure of cell wall.			
c)	Heterotroph.			
d)	Use of Enrichment medium,			
-e)	Instrument useful for Anaerobiosis.			
f)	Urease test and its importance.			
g)	Eggs of Necator Americans.			
_ h)	Define Antigen.			
i)	Define Nosocomial infection.			
- j)	Name two parasite found in hepatobilliary tract.			