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B.Sc. SEM V MODEL PAPER 2018

MICROBIOLOGY

Max marks 50

Time 3 hrs

1	Give different stages of infectious diseases	10 M
	OR	
	Give detailed account of sources of infection.	
2	Discuss in detail virulence determining factors.	10 M
	OR	
	Describe the morphology, cultural characteristics and pathogenicity and laboratory diagnosis of <i>S. typhi</i> .	
3		10 M
a	Give characteristics of normal flora.	
b	Write short note on susceptibility of host.	
c	Give different methods of attenuation.	
d	Explain exoerythrocytic cycle of Plasmodium	
	OR	
e	Discuss the normal flora of digestive tract	
f	Define vector. How they transfer communicable diseases in society?	
g	Define exaltation and attenuation.	
h	Write short note on Niacin test.	
4		10 M
a	Discuss two methods of control of communicable disease.	
b	Discuss the portal of exit.	
c	Give laboratory diagnosis of <i>S. dysenteriae</i> .	
d	Write short note on ELISA.	
	OR	
e	Discuss the normal flora of eye.	
f	Discuss the portal of entry.	
g	Give difference between pathogenicity and virulence.	
h	Enlist the diseases of digestive tract with causative organism.	
5	Answer any 10	10 M
a	Define Primary and secondary infection.	
b	What are local and systemic infection.	
c	Define epidemic and endemic.	
d	Give examples of vehicle.	
e	Give two examples of viral diseases.	
f	Give two examples of protozoal diseases.	
g	Define MID.	
h	Define MLD.	
i	Define ID50.	
j	Give two examples diseases of eye.	
k	Give two examples diseases of skin.	
l	Give two examples diseases of urinary tract.	