The West Bengal University of Health Sciences M.D. (Microbiology) May - June, 2022 Examination

Paper: II

Full Marks: 100 Time: 3 Hours

Attempt all questions

1.	Discuss the various mechanisms by which Escerichia coli produce diarrhoea	with
	laboratory tests to determine them.	10
	How will you proceed to investigate an outbreak of acute gastroenteritis following	ing a
	community feast and pinpoint the microbial agent responsible for it.	10
	Give an idea of opportunistic fungal infections. Mention common causes of	such
	infections and briefly outline the steps to be taken for establishment of a diagnosis.	10
	Discuss epidemiology and laboratory diagnosis of leptospirosis in Indian context.	10
	and the standard florigantal gang transfer in hacteria	10
	Discuss about types of pneumococcal vaccine, its indication and schedule of us.	10
		10
7.	Discuss the principle, procedure and interpretation of widal test.	10
8.	Write an essay on Surgical site infection.	10
9.	Discuss the virulence factors of Candida species.	10
10). Describe the epidemiology and clinical manifestation of Histoplasmosis. How will y	you
10	perform laboratory diagnosis of a case of Histoplasmosis.	10