

PITHAPUR RAJAH'S GOVERNMENT COLLEGE (AUTONOMOUS), KAKIN
V-SEMESTER END EXAMINATIONS-OCTOBER/NOVEMBER-2018
III YR B.Sc., SUBJECT/ PAPER: MICROBIOLOGY-(PAPER-6)

MEDICAL MICROBIOLOGY

DATE:: 10.10.2018 (WEDNESDAY), TIME: 09.00 AM

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Duration: 3

PART-A

Answer **ALL** of the following

5×2=10M

1. Antagonism
2. Attenuation
3. Neuraminidase
4. Hydrophobia
5. DPT Vaccine

PART-B

Answer any **FIVE** of the following

5×4=20M

7. Lysozyme
8. Complement
9. IMViC tests
10. Virulence
11. Structure of HIV
12. Dengue fever
13. Recombinant Vaccines

PART-C

Answer any **FOUR** of the following .Draw labelled diagram wherever necessary. **4×10=40M**

14. (a) Write an essay on micro flora of human body.
(or)
(b) Give an account on Antiviral agents and their mode of action.
15. (a) Discuss various serological & molecular methods of laboratory diagnosis.
(or)
(b) Explain different types of bacterial toxins and their action.
16. (a) What are food and water borne diseases? Give an account on typhoid disease.
(or)
(b) Briefly explain the structure, pathogenesis and laboratory diagnosis of AIDS.
17. (a) what is drug resistance? Explain various drug resistance mechanisms in Bacteria
(or)
(b) Write about the mode of action of Penicillin and Sulpha drugs.