



PITHAPUR RAJAH'S GOVERNMENT COLLEGE (AUTONOMOUS): KAKINADA				
V SEMESTER END EXAMINATIONS - MARCH-2023				
CLASS: B.SC,			SEMESTER	5
SUBJECT: MICROBIOLOGY NEW SEC-B			DATE & SESSION	24.04.2023 FN
PAPER & CODE: 5218			Max Marks	60
MANGEMENT OF HUMAN MICROBIAL DISEASES AND DIAGNOSIS			Time:	2 ½ HRS
REG NO				

Section - A

Answer ALL the following questions.

5x2= 10 M

1. Dermatomycosis.
2. CSF.
3. Mac conkey agar
4. ELISA.
5. Drug resistance in bacteria.

Section -B

Answer any FOUR of the following questions.

4x5= 20 M

6. Athletes foot.
7. Pneumonia.
8. Methods of Collection of Urine.
9. Storage of clinical samples.
10. Ziehl-Neelsen staining.
11. PCR.
12. Diagnosis of Typhoid.
13. Problems of drug resistance and drug sensitivity.

Section -C

Answer ANY THREE of the following questions.

Draw labeled diagrams wherever necessary

3x10 = 30 M

14. Write about Causal organism, mode of transmission, pathogenesis, treatment and control of Poliomyelitis.
15. Explain in detail about methods of collection of Clinical samples.
16. Write about the preparation and use of Blood agar and Lowenstein-Jensen Media.
17. Discuss in detail about Serological methods.
18. Explain in detail about determination of antibiotic resistance/sensitivity of Bacteria by using Disc diffusion method.