

CODE: 5218/ 5253 /5234 (CBCS)



PITHAPUR RAJAH'S GOVERNMENT COLLEGE (AUTONOMOUS), KAKINADA
V-SEMESTER END EXAMINATIONS-OCTOBER/NOVEMBER-2019

III YR B.Sc., SUBJECT/ PAPER: MICROBIOLOGY- PAPER-6

FOOD & INDUSTRIAL MICRO BIOLOGY

DATE:: 21.10.2019 (MONDAY), TIME: 09.00 AM

MAX. MARKS : 60

Reg. No.

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Duration: 2 ½ Hrs

SECTION-A

Answer all the following questions

5x2=10M

1. Putrification
2. SCP
3. Yeast
4. Fermentation media
5. Uses of vitamin B12

SECTION-B

Answer any four questions

4x5=20M

6. Spoilage of canned foods
7. Botulism
8. Cheese
9. Probiotics
10. Actinomycetes
11. Fed-batch fermentation
12. Cell disruption
13. Citric acid

SECTION-C

Answer any three of the following questions

3X10=30M

Draw labeled diagrams wherever necessary

14. Write about the microorganisms of food spoilage and their sources?
15. Write an essay on food preservation?
16. Describe the various method involved in strain improvement?
17. Describe the two down stream processing?
18. Discuss various steps in industrial production of pencillin?