

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

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

Marks: 70

Reg. No.

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Duration: 3 Hrs

PART-A

Answer all of the following

5X2=10M

1. Louis Pasteur
2. Putrification
3. Shigellosis
4. Pectinases
5. Spoilage of canned foods

PART-B

Answer any four of the following

5x4=20M

6. Sources of microorganisms found in food
7. Important molds in food
8. Botulism
9. Chemical preservation in food
10. Cheese
11. Amylase
12. Yeast
13. Control of microorganisms by heat

PART-C

4x10=40M

Answer any two of the following. Draw labeled diagrams wherever necessary

- 14(a). Write about the microorganisms of food spoilage and their sources?
(Or)
(b). Write an essay on important microbial organisms in foods?
- 15(a). Discuss the factors influencing microbial growth in foods?
(or)
(b). Write about any two food intoxications cause by microorganisms?
- 16(a). Write about the spoilage of fruits and vegetables?
(or)
(b). Write the enumeration method of microbial examination of food ?
- 17(a). Write an essay on food preservation?
(or)
(b). Write an essay on fermented food?