



CODE: 5217 / 5252 (CBCS)

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

III YR B.Sc., SUBJECT/ PAPER: MICROBIOLOGY-PAPER-5
ENVIRONMENTAL & AGRICULTURE MICROBIOLOGY

DATE:: 18.10.2019(FRIDAY) TIME: 09.00 AM

MAX. MARKS : 60

Reg. No.

--	--	--	--	--	--	--	--

Duration: 2 ½ Hrs

SECTION – A

Answer ALL the following Questions

(5x2=10M)

1. Soil pH
2. Membrane Filters
3. Sources of Solid Waste
4. Heterocyst
5. Hypertrophy

SECTION – B

Answer ANY FOUR of the following Questions

(4x5=20M)

6. Soil Profile
7. Mutualism
8. Phosphorous Cycle
9. COD
10. Aeromicroflora
11. Biofertilizers
12. Phosphate Solubilizing Microbes
13. Citrus Canker

SECTION – C

Answer ANY THREE of the following Questions

(3x10=30M)

14. Explain the methods of dispersal of microbes.
15. Describe about the methods to detect potability of water samples
16. Explain in detail about Sewage Treatment
17. Give an account on Biological Nitrogen Fixation
18. Write a concept on Principles of Plant Disease Control.