

July 2019

18PHD006

BLDE (DEEMED TO BE UNIVERSITY)

Pre – Ph.D Course Work Examination

Paper II: BACKGROUND PAPER (MICROBIOLOGY)

QP CODE - 6011

Duration: 1 ½ Hrs

Max Marks: 50

I Answer the following

5 x 2 = 10 Marks

1. RNTCP
2. Mantoux test
3. Mycobacterium avium intracellulare.
4. Grading of AFB smears
5. Z-N staining

II Answer ANY FOUR of the following

4 x 5 = 20 Marks

6. Isoniazid
7. MDR tuberculosis
8. Virulence factors of M.tuberculosis
9. Newer diagnostic methods in tuberculosis
10. Tubercular meningitis

III Answer ANY TWO of the following

2 x 10 = 20 Mark

11. Discuss in detail multidrug resistant tuberculosis epidemiology and laboratory diagnosis.
12. Classify mycobacteria, write in detail pathogenesis and laboratory diagnosis of mycobacterium tuberculosis.
13. Classify mycobacteria write detail about Atypical mycobacteria.