

June-2016

12PHD015

BLDE UNIVERSITY

Pre.Ph.D Course Work Examination

Paper II: Background Paper (Microbiology)

QP CODE: 6011

Duration : 1 ½ Hours

Max.Marks : 50

I Answer the following

5 x 2 = 10 Marks

1. Morphological forms of plasmodium
2. Pernicious malaria
3. Recrudescence
4. Definitive and Intermediate host
5. Babesia

II Answer ANY FOUR of the following

4 x 5 = 20 Marks

6. Black water fever
7. Malarial vaccines
8. Anti malarial drugs and their activity
9. Quantification of parasitemia
10. Role of peripheral smear in the diagnosis of malaria

III Answer ANY TWO of the following

2 x 10 = 20 Marks

11. Describe in detail pathogenesis and complications of *P. vivax* malaria.
12. Discuss about recent advances in the diagnosis of malaria
13. Enumerate the vector borne diseases in India. Discuss the National programmes for control of malaria in India.

June- 2016

15PHD007

BLDE UNIVERSITY

Pre.Ph.D Course Work Examination

Paper II : Background Paper (Microbiology)

QP CODE : 6011

Duration : 1 ½ Hours

Max.Marks : 50

I Answer the following

5 x 2 = 10 Marks

1. Rose Bengal card test
2. Pasteurization.
3. Castaneda media.
4. Enumerate Brucella biovars.
5. Zoonosis with examples

II Answer ANY FOUR of the following

4 x 5 = 20 Marks

6. Role of ELISA in Brucellosis
7. Biosafety cabinet
8. Antibiotic susceptibility testing of Brucella.
9. Post exposure prophylaxis for Brucella.
10. Complications of Brucellosis

III Answer ANY TWO of the following

2 x 10 = 20 Marks

11. Pathogenesis and clinical features of Brucellosis and its serological diagnosis.
12. Virulence factors of Brucella and its isolation in laboratory.
13. Enumerate Brucella species and write in detail molecular diagnosis of Brucellosis.