

April-2022

BLDE (DEEMED TO BE UNIVERSITY)

Pre – Ph.D. Course Work Examination

[Time: 1 ½ Hours]

[Max Marks: 50]

Paper II: BACKGROUND PAPER (PHARMACOLOGY)

QP CODE - 6017

I Answer the following 5 x 2 = 10 Marks

1. Write four second line Anti-TB drugs.
2. Four Fluroquinolones useful in TB.
3. Give reason for loading dose of Chloroquine in the treatment of P.Vivax malaria.
4. Pharmacological basis for use of Chloroquine in Lepra Reactions
5. Pharmacological basis for use of Chloroquine in Rheumatoid Arthritis.

II Answer ANY FOUR of the following 4 x 5 = 20 Marks

6. Drug interactions with Rifampicin
7. Mechanism of action of Bedaquiline.
8. Possible role of anti-oxidants in overcoming mycobacterial resistance
9. Therapeutic uses of Chloroquine.
10. BCG vaccine –Future prospects.

III Answer ANY TWO of the following 2 x 10 = 20 Marks

11. Describe in details in development of resistance to antimicrobial agents with suitable examples.
12. Enumerate first line Anti-TB drugs. Write mechanism of action of each
13. Classify anti-malarial drugs. Describe mechanism of action and therapeutic uses of Chloroquine.