

**Q.P. Code: 202001**

**Reg. no.: .....**

**Second Professional MBBS Degree Supplementary Examinations  
December 2021  
Pharmacology - Paper II**

**Time: 2 Hours**

**Max. Marks: 40**

- *Answer all questions to the point neatly and legibly • Do not leave any blank pages between answers • Indicate the question number correctly for the answer in the margin space*
- *Answer all parts of a single question together • Leave sufficient space between answers*
- *Draw table/diagrams/flow charts wherever necessary*

**Essays**

**(2x6=12)**

1. Read the case history and answer the following questions: An 18 years old boy was brought to the outpatient department with history of fever with chills and shivering for the past three days. Peripheral blood smear showed presence of intra erythrocytic P.vivax parasite. (2+2+2)
  - Prescribe drugs treatment for the patient with dosage schedules.
  - Explain the mechanism of action of chloroquine.
  - What are the adverse effects of chloroquine when used for prolonged period in large doses
2. What are the different types of oral contraceptive pills available. Describe the mechanism of action and adverse effects of combined oral contraceptive pills.(2+2+2)

**Short Notes**

**(5x3=15)**

3. Proton pump inhibitors
4. Dipeptidyl peptidase 4 (DPP-4) inhibitors
5. Linezolid
6. Superinfection
7. Cyclosporine

**Write the Pharmacological basis for the use of:**

**(3x1=3)**

8. Oxytocin for induction of labour
9. Propranolol in thyrotoxicosis
10. Imipenem with cilastatin

**Write two uses and two adverse effects of the following:**

**(3x1=3)**

11. Metformin
12. Rifampicin
13. Streptomycin

**Choose the appropriate drug and Justify:**

**(2x1=2)**

14. Chloroquine / Diloxanide furoate in amebic liver abscess
15. Regular / Lente insulin in diabetic ketoacidosis

**Name the following (Two examples for each)**

**(5x1=5)**

16. Anti-herpes virus drugs
17. Anticancer antibiotics
18. Stimulant purgatives
19. Drugs for scabies
20. Anti-fungal azole derivative

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