

Q.P. Code: 202001

Reg. no.:

Second Professional MBBS Degree Supplementary Examinations

July 2019

Pharmacology - Paper II

Time: 2 Hours

Max. Marks: 40

- **Answer all questions**
- **Draw diagrams wherever necessary**

Essays

(2x6=12)

1. Enumerate the newer insulin analogues. What is the advantage of using insulin analogues over conventional insulin. How will you manage insulin resistance. (2+2+2)
2. Mrs. Mala aged 30 is a known epileptic was on treatment with Tab. Phenytoin for the past 3 yrs. She was taking oral contraceptive pills for the last 6 months. She did not get her menstrual cycle for the past 2 months. On investigation, her pregnancy was confirmed
 - What is the therapeutic problem
 - Why she became pregnant in spite of taking oral contraceptive pills
 - Name 2 other drugs which will have problems with phenytoin.
 - Add a note on emergency contraception.

**(1+2+1+2)
(5x3=15)**

Short Notes

3. Domperidone
4. Antibiotic resistance
5. Oseltamivir
6. Artemisinin derivatives
7. Tacrolimus

Write the Pharmacological basis for the use of:

(3x1=3)

8. Propranolol in thyroid storm
9. Letrozole in early breast cancer
10. Sucralfate in gastric ulcer

Write two uses and two adverse effects of the following:

(3x1=3)

11. Bromocriptine
12. Clofazimine
13. Isoniazid hydrazide

Choose the appropriate drug and Justify:

(2x1=2)

14. Third generation / Fourth generation cephalosporins in MRSA infection
15. Fluconazole / Ketoconazole in fungal meningitis

Name the following (Two examples for each)

(5x1=5)

16. Anti-secretory agents in diarrhea
17. Antiscabies agents.
18. Drugs for psoriasis
19. Drugs useful in Lepra reaction.
20. Drugs effective in Round worm infestations.
