Q.P. Code: 202001   Reg. no.: ....

Second Professional MBBS Degree Regular/Supplementary
Examinations May 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. Classify Oral Anti diabetic drugs. Describe the mechanism of action, therapeutic uses and adverse effects of Metformin.
2. A 30 years old male patient admitted to hospital with a complaint of fever with chills since 5 days. Severe headache and yellowish discolouration of conjunctiva present. He is drowsy and irritable. Peripheral smear shows gametocytes of plasmodium falciparum. He is using chloroquine since onset of fever but fever not subsided.
   • What is the diagnosis of the clinical condition
   • Classify drugs used in malaria
   • Describe the management of above condition
   • Mention two regimens of artemisinin based combination therapy   (1+2+2+1)

Short Notes   (5x3=15)

3. Beta-Lactamase inhibitors
4. Ofloxacin
5. Antibiotics used in cancer chemotherapy
6. H2 blockers
7. Radioactive Iodine

Write the Pharmacological basis for the use of: (3x1=3)

8. Pyridoxine with isoniazid
9. Letrozole in breast cancer after surgery
10. Folinic acid along with 5 – fluorouracil

Write two uses and two adverse effects of the following: (3x1=3)

11. Vancomycin
12. Diethylcarbamazine citrate
13. Esomeprazole

Choose the appropriate drug and Justify: (2x1=2)

14. Ondanesetron/Metoclopramide in cancer chemotherapy associated vomiting
15. Oxytocin/Methylergometrine for induction of labour

Name the following (Two examples for each)   (5x1=5)

16. Anti Hepatitis B viral drugs
17. Triazole antifungal drugs
18. Antipseudomonal cephalosporins
19. Topical steroids
20. Iron chelators

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