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Roll No .....

PY-705 (GS)

B.Pharmacy VII Semester Examination, June 2020

Grading System (GS)

Pharmacology - IV

(Clinical and Drug Interactions)

Time : Three Hours

Maximum Marks : 70

Note: i) Attempt any five questions.
ii) All questions carry equal marks.

1. Justify mechanism of action of :
   a) Tetracyclines
   b) Amoxicillin
   c) Ciprofloxacin

2. What is cancer? Explain in detail the role of immunosuppressive agents with reference to chemotherapy of cancer.

3. Classify antibiotics and give mechanism of action for the following:
   a) Chloramphenicol
   b) Penicillins
   c) Marcolides.

4. Describe general principles and concept of TDM.

5. Describe with suitable examples the general principles of chemotherapy of microbial diseases with sulphonamides.

   OR

   Emphasize on individualization of drug therapy and write on various drug interaction.

6. Discuss in brief :
   a) Drug used in geriatrics
   b) Antiviral drugs

7. Justify mechanism of action of :
   a) Ketoconazole
   b) Acyclovir
   c) Metronidazole

8. Write exhaustive notes on any two of following:
   a) Treatment of Barbiturate poisoning
   b) Antitubercular drugs
   c) Drug use for Geriatrics

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