

**S/2017/1951**

**Total Pages : 4**

**FINAL YEAR (NEW) PHARMACY  
PHARMACOLOGY AND TOXICOLOGY  
(203)**

**Time : Three Hours**

**Maximum Marks : 80**

**Note :** i) Attempt total *six* questions. Question No.1 is compulsory.

ii) Illustrate your answer with neat sketches wherever necessary.

1. Write therapeutic uses and adverse effect of the following (any five) 10

- a) Codeine
- b) Sulfonamide
- c) Acyclovir
- d) Isoniazide
- e) Ethosuximide
- f) Omeprazole
- g) Chloramphenicol

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**P.T.O.**

(2)

2. Attempt any four of the following : 14

- a) Write a note on neuromuscular blocking agents.
- b) Discuss life cycle of malaria parasite.
- c) Classify Diuretics with suitable examples of each.
- d) Elaborate the term cardiotonics.
- e) Write a note on Haematinics.

3. Write short notes on (any four) 14

- a) NSAID's
- b) Hypoglycemic agents
- c) Glaucoma
- d) Anti-psychotic agents
- e)  $\beta$ - Adrenergic blockers

4. a) Define angina give its type along with pharmacology of Nitrates.

OR

Discuss pharmacological action of Acetylcholine.

b) Explain various factors modifying drug action.

14

(3)

5. Attempt any four of the following 14

- a) Classify antimicrobial agents on basis of mechanism of action with two examples of each.
- b) Write a brief note on Antileprotic agents.
- c) Give pathophysiology behind Ulcer.
- d) Define epilepsy discuss various types of epilepsy. <http://www.rgpvonline.com>
- e) Write a note on Fibrinolytics.

6. Give reasons why (any four) 14

- a) Insulin is not given orally.
- b) Carbidopa is given along with L-DOPA.
- c) Aspirin is not used in patient with peptic Ulcer.
- d) Sulfonamide is ineffective in presence of pus.
- e) Combination therapy is used in treatment of tuberculosis.
- f) Tetracycline should not be given along with milk products.

(4)

• 7. Answer the following:

14

- a) Write a note on oral contraceptive.
- b) Discuss pharmacological action of Histamine.
- c) Write a brief note on bacterial resistance.
- d) Tabulate the difference between Ranitidine and Omeprazole.

