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**B. Pharmacy 7th Semester Examination**

**Pharmacology-III (OS)**

**HBP-407**

**Time : 3 Hours**

**Max. Marks : 80**

*The candidates shall limit their answers precisely within the answer-book (40 pages) issued to them and no supplementary/continuation sheet will be issued.*

**Note :** Attempt any five questions. Each question carries 16 marks. Select one question each from section A, B, C & D. Section E is compulsory.

**SECTION - A**

- 1 (a) Classify the drugs used in peptic ulcer. Explain the mechanism, uses and adverse effects of antacids. (8)
- (b) Write a note on stool softeners. (8)
- 2 (a) Write a note on appetite suppressants. (8)
- (b) Classify antiemetic drugs and write a note on prokinetic drugs. (8)

**SECTION - B**

- 3 (a) Classify the oral hypoglycemic agents. Write a note on second generation sulfonylurea. (8)
- (b) Enlist the hypothalamic hormones with their functions. (8)
- 4 (a) Write a note on thyroid peroxidase inhibitors. (8)
- (b) Write a note on androgens. (8)

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**SECTION - C**

5. Write a note on bacterial cell wall synthesis inhibitors. (16)
- 6 (a) Describe the mechanism of action, pharmacology, uses and adverse effects of Isoniazid. (8)
- (b) Write a note on Calcineurin inhibitors. (8)

**SECTION - D**

7. Write a note on barbiturate and opioid poisoning. (16)
- 8 (a) Give a detail note on mercury poisoning. (8)
- (b) Explain the treatment of arsenic poisoning. (8)

**SECTION - E**

9. Answer the followings:
  - (a) Describe the mechanism of action and uses of loperamide.
  - (b) Write a short note on carminatives.
  - (c) Write a note on mechanism of action and uses of Tamoxifen.
  - (d) Enlist the drugs used in galactorrhea and hypogonadism.
  - (e) Explain the mechanism of action of Doxorubicin.
  - (f) Describe the mechanism of action and uses of clavulanic acid.
  - (g) Why sulfonamides are inactive after pus formation?
  - (h) Define poison and enlist the names of cholinesterase reactivators. (8×2=16)