

Ref. No.: Ex/PHARM/T/323/2019

B. Pharm. 3rd Year 2nd Semester Examination 2019.

Time: 3 hours

Subject: Pharmacology-II

Full Marks: 100

Answer any *five* questions.
atleast *two* from each group

GROUP - A

1. Write down the synthesis, storage, release and metabolism of thyroid hormone. Write in details about hypothyroidism and its management. 12+8=20

2. Write down the integrated hormonal control of the female reproductive system. Write the mechanism of action and therapeutic application of estrogen. 12+8=20

3. Write notes on (any two)- 10X2=20
 - a. Regulation of insulin secretion.
 - b. Metformin.
 - c. Oral contraceptive.

Ref. No.: EX/PHARM/T/323/2019; Dated: 17.04.2019

Name of Examination: B.PHARM 3rd yr, 2st Sem. Exam. 2019

Subject: PHARMACOLOGY – II;

Time: 3 hrs;

Full Marks:100

Clearly mention the question number and part number for each answer.

GROUP - B

Q1)

- a) Which physiological circumstances are expected to induce Epilepsy? (04)
- b) Write in brief about Secondary and Generalised Epilepsy, Adjunct anti-epileptic drugs and Petit Mal seizure. (03 X 04 = 12)
- c) Discuss about the generalized mode of action for anti-epileptic drugs. (04)

Q2)

- a) Discuss about the role of Dopamine receptors for their 'Anti-psychotic effect' and 'Psychotic symptoms'. (08)
- b) Write in brief about the pharmacology of Dopamine – D₁ and D₂ – like family receptors. (06)
- c) Discuss about the clinical advantages and dis-advantages of TCA and MAO - type of antidepressant drugs. (06)

- Q3) a) Write and discuss with examples on Pre-anesthetic Medication (06)
- b) Elaborate on the different stages of anesthesia (06)
- c) Discuss on the different theories postulated for mechanism of action of Anesthetics.....(05)
- d) Provide two examples each for Gaseous & Intravenous Anesthetics(03)
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