

Ref. No.: Ex/PHARM/T/323/2017,

Dated: 05/04/2017

B. Pharm. 3rd Year 2nd Semester Examination 2017.

Time: 3 hours

Subject: Pharmacology-II

Full Marks: 100

GROUP - A (Answer any *five* questions taking at least *one* from each group)

1. Write down the synthesis, release and metabolism of thyroid hormone. How thyroid hormone secretion is regulated? Write shortly about hypothyroidism and its management.

10+4+6=20

2. Writes notes on-

10X2=20

- a. Diabetic ketoacidosis.
- b. Regulation of Testosterone secretion.

Ref. No.: EX/PHARM/T/323/2017; Dated: 05.04.2017

Name of Examination: B.PHARM 3rd yr, 2st Sem. Exam. 2017

Subject: PHARMACOLOGY – II;

Time: 3 hrs;

Full Marks:100

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

GROUP - B

Q3)

- 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)

Q4)

- 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)

B. PHARM 3rd YEAR 2nd SEMESTER EXAMINATION, 2017
 (1st/2nd Semester/Repeat/Supplementary/ Spl. Supplementary/old/Annual/Bi - Annual)

SUBJECT : PHARMACOLOGY-II

Full marks: 100

Time: Three hours

Use separate answer – script for each part

No of questions	GROUP - C	Marks
-----------------	-----------	-------

5. How minimal alveolar concentration (MAC) is measured for a inhalation anaesthetic ? What are the M oA of inhalation anaesthetics ? Discuss about the relationship of MAC of GA with its oil/gas partition co-efficient.

4+8+8=20

6. Write Short notes:-

- Morphine (i.v) affords dramatic relief in acute left ventricular failure (cardiac asthma)-explain.
- Morphine stimulated Edinger Westphal nucleus of III nerve – What is the result?
- Loperamide (an opiate analogue) is used as antimotility drug – Explain.
- Bicuculline a competitive antagonist at GABA a receptor – what is the result?

4x5=20

(08)

(06)

(06)