

Ref. No.: EX/PHARM/T/413/2017(S)

Dated: 02.02.2017

B. Pharm. 4th Year 1st Semester Supplementary Examination 2017.

Time: 3 hours

Subject: Pharmacology-III

Full Marks: 100

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

GROUP - A

1. Define free water clearance and when it is positive and negative. Classify diuretics with proper examples. Write in details about thiazide diuretic.
2. Classify anticancer drugs. Write in details about antimetabolites as anticancer agent.

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GROUP - B

Q3) Write short notes on the following:

(a) Re-entry type of arrhythmia. (b) Classification of anti-arrhythmic drugs. (c) Mode of action of Adenosine in arrhythmia.

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Q4) Describe the mode of action for Nitrates when used as Anti-anginal agents with examples.

Why Nitrate free period is a compulsory clinical requirement - discuss all related hypothesis for the same.

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B. PHARM 4th YEAR 1st SEMESTER SUPPLEMENTARY EXAMINATION, 2017(1st/2nd Semester/Repeat/Supplementary/ Spl. Supplementary/old/Annual/Bi - Annual)**SUBJECT : PHARMACOLOGY-III**

Full marks: 100

Time: Three hours

Use separate answer – script for each part

No of questions	GROUP - C	Marks
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5. Describe the etiology of peptic ulcer. How peptic ulcer can be treated? 10+10=20

6. Write short notes:- 4 x 5=20

- Treatment of Zollinger- Ellison syndrome with PPI.
- Eradication of *H. Pylori*.
- Control of emesis by prokinetic drugs.
- The site and mechanism of benefit afforded by different classes of drugs in GERD.