

Ref. No.: Ex/PG/PHAR/T/127G/2017,

M. Pharm. 1st Year 2nd Semester Examinations 2017.

Time: 3 hours

Subject: Pharmacology-II

Full Marks: 100

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

GROUP - A

1. Why the blood clot does not become too large. Shortly illustrate the role of fibrinolytic system and natural anticoagulant mechanism. Write down the mechanism of High Molecular Weight Heparin.

2+10+6=20

2. Write notes on (any two)- 2X10=20
 - a. Antiplatelet drugs.
 - b. Screening of antipyretic agents.
 - c. Clinical trials.

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

SUBJECT : PHARMACOLOGY-II

GROUP - B			
No of questions		Part 1/3	Marks

3 Describe about the classification of antipsychotic drugs. What are the symptoms of schizophrenia? How conventional antipsychotic drugs are working against schizophrenia? What are the long term effects of D2 receptor blockade?

6+6+4 +4=20

4 Write short notes:-

4x5=20

- A) Mechanism of Action (MoA) of MAOIs.
- B) Neuroleptic malignant syndrome and its treatment
- C) Akathisia and its treatment
- D) Inhibition of heme production by lead.

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GROUP - C

- Q5 (a) Explain the holistic effect of β -adrenergic stimulation on cardiac tissue.
(b) Provide clinical justification for β -Blockers ^{being} advocated in the management of (i) Arrhythmia and (ii) CHF.

7+5+8

- Q6 (a) Explain the effects of Nitrates on (i) Coronary circulation and (ii) 'After Load' of heart.
(b) Why Vitamin C is suggested alongside Nitrate therapy?
(c) Discuss about the similarities and dissimilarities between DHP and Non-DHP type of Calcium channel blockers.

6+4+4+6