FirstRanker.com
Firstranker's choice
www.FirstRanker.com www.FirstRanker.com

(This paper is consists of 2 pages)

01211 A1+01211 A2

10-01-2022

II-MBBS

Second M.B.B.S. (Main) Examination (New Scheme)
January - 2022
PHARMACOLOGY
Paper-First
Time: Three Hours
Maximum Marks: 100
Attempt all questions in both sections
(Use separate answer book for each section)

Section-A

1. Fill in the blanks: 6 x 1 = 06

a) Aspirin can inhibit target enzyme _____

b) A 30 year old male suffering from cerebral edema best treated with _____.

c) A young man of 24 years is suffering from generalized anxiety disorder which preferred drug _____ .

d) Therapeutic index is an assessment of _____ .

e) Local anaesthetic agents causing methemoglobinemia _____ .

f) Dissociative anaesthesia caused by _____ .

2. Answer the followings (Multiple Choice Questions): 4 x 1 = 04

i) Xenon anesthesia all are true except:

a) Slow induction and recovery b) Non explosive

c) Minimal cardiovascular side effects d) Low blood solubility

ii) Drug of choice for acute gout is:

a) Colchicine b) Indomethacin c) Allopurinol d) Dexamethasone

iii) The drug note used in acute asthma:

a) Salbutamol b) Ipratropium c) Montelukast d) Hydrocortisone

iv) Dextromethorphan is an:

a) Antihistamine b) Antitussive c) Expectorant d) Anti-allergic

3. A 50 year old man visited medicine OPD with difficulty in breathing, wheezing, cough on examination pulse rate 100/min, BP 120/70, RR-100/min chest auscultation reduced breath sound, on spirometry FEV1 was 70%predicated:

a) Classify the drug that can be given 05

b) Explain the pharmacological basic of treatment. 04

c) Two common side effects of above drugs. 03

www.FirstRanker.com

FirstRanker.com
Firstranker's choice
www.FirstRanker.com www.FirstRanker.com

d) Common investigations required to monitoring of treatment. 03

4. Write short notes on (Any five): 5 x 2 = 10

a) Prophylaxis of migraine.
b) Therapeutic drug monitoring.
c) Teratogenicity.
d) Pharmacotherapy of myasthenia gravis.
e) Zero order kinetics.
f) Apparent volume of distribution.

5. Explain why – pharmacological basis of use (Any three): 3 x 5 = 15

a) Oximes in organophosphate poisoning.
b) Bromocriptine is used for Hyperprolactinemia.
c) Dantrolene sodium used in malignant hyperthermia.
d) Ethyl alcohol in methyl alcohol poisoning.

Section-B

6 Explain why treatment of peptic ulcer is done with multiple drugs for limited period? Enumerate two uses and two adverse effects of Omeprazole and all antiulcer drugs used for peptic ulcer management. 20

7. Write short notes on (Any five): 5 x 2 = 10

a) Antitussive drugs.
b) Parenteral iron therapy.
c) Centrally acting muscle relaxants.
d) Allopurinol.
e) Cox- II inhibitors.
f) Osmotic purgative.

8. Explain briefly (Any four): 4 x 5 = 20

a) Combination of levodopa with Carbidopa
b) Adrenaline given in anaphylactic shock.
c) Beta blockers contraindicated in congestive cardiac failure.
d) Beta blockers in open angle glaucoma.
e) Forensic use of Thiopentone sodium.

www.FirstRanker.com