



BB-3714

Second Year M. B. B. S. Examination

November / December - 2017

Pharmacology : Paper - I

Time : 2 Hours]

[Total Marks : 40

Instructions :

(1)

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| नीचे दशांशके निशानीवाणी विगतो उत्तरवली पर अवश्य लभवी. Fillup strictly the details of signs on your answer book. | Seat No.: |
| Name of the Examination : | <input type="text"/> |
| ← S. Y. M. B. B. S. | <input type="text"/> |
| Name of the Subject : | <input type="text"/> |
| ← PHARMACOLOGY : PAPER - 1 | <input type="text"/> |
| ← Subject Code No. : <input type="text"/> 3 <input type="text"/> 7 <input type="text"/> 1 <input type="text"/> 4 | ← Section No. (1, 2,.....) : <input type="text"/> 1&2 |
| Student's Signature | |

- (2) Answers must be brief, precise and to the point.
(3) Always give suitable examples and draw figures where necessary.

SECTION - I

- 1 Answer the following : 10
- Why ACE inhibitors not used with K^+ sparing diuretics?
 - Give two examples of "hit and run" drug.
 - Describe "therapeutic window" phenomenon.
 - Name the physiological antagonist to histamine used as life saving drug in patients of anaphylactic shock.
 - Name two topically useful drugs in a patient of bronchial asthma.
 - Explain affinity and intrinsic activity of a drug in relation to receptors giving example.
 - Name two drugs with low therapeutic index.
 - Name two drugs from different class for treatment of open angle glaucoma.
 - Give four examples of drugs used as transdermal patch.
 - Two therapeutic uses of lactulose.

2 Answer any **four** of the following :

8

- (a) Discuss the side effects and contraindications to beta-blockers.
- (b) Enumerate parental iron preparations. Mention the indications for parental iron therapy.
- (c) Enumerate & write the therapeutic uses of fibrinolytic agents.
- (d) Write a short note on direct rennin inhibitors.
- (e) Enlist anti-coagulants used in vivo. Describe the advantages of uses of LMW heparins.

SECTION - II

3 Answer any **four** of the following :

12

- (a) Enumerate HMG-CoA reductase inhibitors. Write their uses & adverse effects.
- (b) Enlist various anti-platelet drugs. Describe their mechanism of action & therapeutic status in clinical practice.
- (c) Uses of prostaglandin.
- (d) Uses of alpha blockers.
- (e) Enumerate the adverse effects of anti-cholinergic prototype drug atropine.

4 Answer any **two** of the following :

10

- (a) Write the classification of diuretic agents. Write the mechanism of action, uses and side effects of thiazide diuretics.
- (b) Classify drugs for the management of peptic ulcer. Write the mechanism of action and adverse effects of proton pump inhibitors and ulcer protecting agent.
- (c) Classify various antiemetic agents. Describe in detail the mechanism of action, adverse effects and uses of prokinetic drugs.