



MP-201723

Seat No. _____

Second Year M. B. B. S. Examination

January - 2018

Pharmacology : Paper - II

Time : 2 Hours]

[Total Marks : 40

Instruction : Write both the sections in separate answer sheets.

SECTION - I

- 1 Answer any one of the following : 8
- (1) Classify Insulin preparations. Mention uses and adverse effects of Insulin.
 - (2) Classify Cephalosporins. Mention uses and adverse effects of third generation compounds.
- 2 Write in short about any **two** of the following : 6
- (1) Therapeutic uses and adverse effects of Tetracyclines.
 - (2) HPA axis suppression
 - (3) Cotrimoxazole
- 3 Answer in brief : 6
- (1) Name two drugs which are applied topically as prophylactic antimicrobials in burns to prevent colonisations by gram +ve and gram -ve bacteria.
 - (2) Name any third generation fluoroquinolone with its therapeutic use.
 - (3) Name any two drugs who can inhibit steroid synthesis.
 - (4) Sedatives or antihistaminics should be avoided in status asthmaticus - Justify.
 - (5) Write any two causes of hypercalcaemia.
 - (6) Name the lincosamide antibiotic used for the treatment of malaria.

SECTION - II

- 4 Answer any **one** of the following : 8
- (1) Classify antiulcer agents. Mention salient aspects of proton pump inhibitors.
 - (2) Write a note on estrogens.
- 5 Write in short about any **two** of the following : 6
- (1) DPP-4 inhibitors
 - (2) Glucocorticoids in tuberculosis
 - (3) Compare and contrast oxytocin Vs ergometrine.
- 6 Answer in brief : 6
- (1) Mention the dose regimen of albendazole for hydatid disease.
 - (2) Name the immunosuppressant which can be given for steroid resistant asthma.
 - (3) Name two nonionising radiations used for sterilization.
 - (4) Explain the pharmacological basis of tretinoin in acne vulgaris.
 - (5) Name any two bisphosphonates.
 - (6) Name any two live attenuated vaccines with their indication.
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