



BB-3715
Second Year M. B. B. S. Examination
November / December - 2017
Pharmacology : Paper - II

Time : 2 Hours]

[Total Marks : 40

Instructions :

(1)

<p>नीचे दशांश देवें निशानिवाणी विगतो उत्तरवडी पर अवश्य दमवी. Fillup strictly the details of signs on your answer book.</p> <p>Name of the Examination : S. Y. M. B. B. S.</p> <p>Name of the Subject : PHARMACOLOGY : PAPER - 2</p> <p>Subject Code No. : 3 7 1 5 Section No. (1, 2,.....) : 1&2</p>	<p>Seat No. : <table border="1" style="width: 100%; height: 20px; border-collapse: collapse;"><tr><td style="width: 15%;"></td><td style="width: 15%;"></td><td style="width: 15%;"></td><td style="width: 15%;"></td><td style="width: 15%;"></td><td style="width: 15%;"></td></tr></table></p> <div style="border: 1px solid black; border-radius: 10px; padding: 10px; width: 100%; height: 80px; display: flex; align-items: center; justify-content: center;"><p>Student's Signature</p></div>						

- (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
- (a) Name two drugs from third generation cephalosporines.
 - (b) Drug(s) used in the therapy of pulmonary arterial hypertension (PAH).
 - (c) Name the drug related with dissociative anaesthesia.
 - (d) Give reasons for combination of imipenem with cilastin.
 - (e) Name the first member of a new class of synthetic tetracycline analogue.
 - (f) Names of two topical antifungal agents.
 - (g) Name the drug other than ethanol in treatment of methanol poisoning.
 - (h) Explain the difference between recrudescence and relapse in a patient suffering from malaria.
 - (i) Name the antidote used to treat benzodiazepine overdose.
 - (j) Name the antimicrobial agent (AMA) contraindicated with neuromuscular blocker.

- 2 Answer any **four** of the following : 8
- (a) Write a short note on emergency contraceptive agent ulipristal.
 - (b) Post exposure prophylaxis of HIV infection.
 - (c) Write a note on clavulanic acid.
 - (d) Write a note on levodopa-carbidopa combination.
 - (e) Enumerate the uses of clomiphene citrate.

SECTION - II

- 3 Answer any **four** of the following : 12
- (a) Write a short note on Selective Serotonin Reuptake Inhibitors (SSRIs).
 - (b) Explain various reactions to insulin therapy and their management.
 - (c) Describe additive, supra-additive & antagonistic combinations of antimicrobials with suitable examples.
 - (d) Describe the mechanism of action, advantages and disadvantages of radioactive iodine.
 - (e) Discuss the mechanism of action, adverse effects and uses of rifampin.
- 4 Answer any **two** of the following : 10
- (a) Classify various drugs acting on opioid receptors. Describe the therapeutic uses, adverse effects and precautions / contraindications of the prototype drug morphine.
 - (b) Name the different classes of drugs available for treatment of epilepsy. Describe the mechanism of action, uses and adverse effects of any two drugs from different class.
 - (c) Classify Nonsteroidal Anti-inflammatory Drugs (NSAID). Describe the indications, adverse effects and contraindications of Aspirin.