



**HAF-02012139**

Seat No. \_\_\_\_\_

**Second Year M. B. B. S. Examination**

**June / July - 2017**

**Pharmacology : Paper - II**

Time : 2 Hours]

[Total Marks : 40

- Instructions :**
- (1) Figures to the **right** indicate full marks.
  - (2) Draw diagram whenever **necessary**.
  - (3) Write Section-I and Section-II in **separate** answer sheets.
  - (4) Write to the point and legibly.

**SECTION - I (20 Marks)**

- 1** Write any **one** of the following : **8**
  - (a) Classify antiasthmatic drugs. Describe mechanism of action and adverse effects of theophylline.
  - (b) Write therapeutic uses, adverse effects and contraindications of glucocorticoids.
  
- 2** Write any **two** : **6**
  - (a) Insulin preparations
  - (b) SERM
  - (c) Antithyroid drugs.
  
- 3** Answer in brief : **6**
  - (a) Name four drugs used for prophylaxis of migraine.
  - (b) Name two GLP-1 receptor agonists and two DPP-4 inhibitors used for treatment of type-2 diabetes mellitus.
  - (c) Name two prolactin inhibitors and two uses of it.
  - (d) Name two first generation H<sub>1</sub> antihistaminics and two uses of it.
  - (e) Name two uterine stimulant and two uterine relaxant drugs.
  - (f) Name four bisphosphonates used for treatment of osteoporosis.

**SECTION - II (20 Marks)**

- 4 Write any **one** of the following : **8**
- (a) Classify anti-retroviral drugs. Describe in detail about treatment of HIV infection.
  - (b) Classify macrolides. Describe mechanism of action and uses of erythromycin.
- 5 Write any **two** : **6**
- (a) Metoclopramide
  - (b) Third generation cephalosporins
  - (c) Treatment of category-II tuberculosis patients.
- 6 Answer in brief : **6**
- (a) Name two systematic and two non-systematic antacids.
  - (b) Name components of new formula WHO-ORS.
  - (c) Name four chelating agents.
  - (d) Name four sulphonamides.
  - (e) Name two bacteriocidal and two bacteriostatic drugs.
  - (f) Name four second generation fluoroquinolones.
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