



MBL-9071

Seat No. _____

M. D. (Branch - IV) Examination

April / May - 2018

Pharmacology : Paper - III

(Clinical & Experimental Pharmacology)

Time : **3** Hours]

[Total Marks : **100**

- Instructions :** (1) All questions are compulsory.
(2) Neat and precise answers are expected.
(3) Explain by figures wherever applicable.

- 1** Screening methods for antiemetic drugs. **30**
- 2** Write in detail about : **30**
- (a) Historical milestones in development of bioethics of clinical drug development
- (b) Pharmacological implications of drug utilization studies.
- 3** Short notes : **40**
- (1) Placebo and it's significance
- (2) Randomization process
- (3) Determination of LD₅₀
- (4) Animal toxicity studies.
-