



**RAH-9071**

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

**M. D. (Branch - IV) Examination**

**March / April – 2019**

**Pharmacology : Paper - IV**

*(Recent Advances)*

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** Describe in detail about cell cycle. Angiogenesis **30**  
and metalloproteinase as targets for new drug development.
- 2** Write in detail about : **30**  
(a) New approaches of drugs to treat obesity  
(b) Cosmetovigilance.
- 3** Short notes : **40**  
(a) Antibiotic stewardship  
(b) 3 Rs  
(c) Connectomics  
(d) Recent advances for treatment of infertility.

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