



DO-9075

Seat No. _____

M. D. (Branch VIII) Examination

March / April - 2022

Physiology : Paper-III

Time : **3** Hours]

[Total Marks : **100**

- Instructions :**
- (1) All questions are compulsory.
 - (2) Write ligibly and to the point.

- 1** Describe the various degenerative and regenerative changes **20**
in a peripheral nerve due to fifth degree injury and importance
of stem cells in the process of regeneration.
- 2** Discuss the interplay between the ovarian and hypothalamic- **20**
pitutary hormone in the regulation of the female monthly rhythm.
- 3** Describe the metabolic disorders produced by lack of insulin. **20**
- 4** Discuss the physiology of memory and write about its **20**
disorders.
- 5** Describe the visual pathway in detail and discuss the various **20**
lesions of the same. Add a note on accommodation reflex.
