



**DQ-9089**

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

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

**April - 2022**

**Physiology : Paper-4**

Time : 3 Hours]

[Total Marks : 100

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

- 1** Discuss the importance of telemedicine during covid-19 pandemic. **20**
- 2** Describe the role of the sympathetic nervous system in stress, and list the methods to evaluate this role. **20**
- 3** Describe the physiology of ageing. **20**
- 4** Describe recent advances in In-vitro fertilization. **20**
- 5** Discuss the role of gut microbiota and its influence on brain functions. **20**

Describe the effects of loss of Gut microbiota and its management (role of drugs, probiotics etc.)

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