

M. SC. (MEDICAL PHYSIOLOGY) : WINTER - 2017
SUBJECT : PAPER-I – GENERAL PHYSIOLOGY, CELL PHYSIOLOGY,
COMPARATIVE PHYSIOLOGY, BIOPHYSICS

Day : **Saturday**
Date : **02/12/2017**

W-2017-3393

Time : **2.00 P.M. TO 5.00 P.M**
Max. Marks : 100.

N.B.:

- 1) All questions are **COMPULSORY**.
 - 2) Figures to the **RIGHT** indicate full marks.
 - 3) Draw neat labeled diagrams **WHEREVER** necessary.
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Q.1 Describe Starling's forces in tissue fluid formation. Add a note on edema. **(25)**

Q.2 Describe evolution of nervous system. **(25)**

Q.3 Write in detail physiology of pancreatic juice. **(25)**

Q.4 Write notes on any **TWO** of the following: **(25)**

- a) Resting Membrane Potential
- b) Homeostasis
- c) Laplace's law

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