

Q.P. CODE:503-A

DR. NTR UNIVERSITY OF HEALTH SCIENCES:AP:VIJAYAWADA-520 008
M.B.B.S. DEGREE EXAMINATION – AUGUST, 2017
FIRST M.B.B.S. EXAMINATION

PHYSIOLOGY

PAPER-I

Time : 2 ½ Hours

Max. Marks: 50

Note : Answer all questions

Give diagrammatic representation wherever possible

- 1) Define cardiac output. Describe in detail the regulation of cardiac output. 2+8=10
- 2) Write the composition and functions of pancreatic juice. Describe the regulation of pancreatic juice secretion. 2+4+4=10

WRITE SHORT NOTES ON:

5x4=20

- 3) Blood clotting mechanism
- 4) Haldane effect
- 5) Micturition reflex
- 6) Enteric nervous system
- 7) Periodic breathing

WRITE BRIEFLY ON:

5x2=10

- 8) Define counter transport with an example
- 9) Mention four factors affecting the GFR
- 10) Mention the functions of platelets
- 11) Factors shifting ODC (Oxygen Dissociation Curve) to the right
- 12) Mention functions of lymph
