

503-A

DR. NTR UNIVERSITY OF HEALTH SCIENCES: AP: VIJAYAWADA-520 008

M.B.B.S. DEGREE EXAMINATION – DECEMBER, 2016

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

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- 1) Define Hypertension. Describe briefly the physiological principles underlying pathogenesis and management of Hypertension. 2+4+4=10
 - 2) Define Airway Resistance. Give its normal value. List the factors affecting it. Describe briefly the principles governing flow of Air in Air Passages. 1+1+3+5=10

WRITE SHORT NOTES ON:

5x4=20

- 3) Sodium – Potassium ATPase
- 4) Composition and functions of bile
- 5) Mechanism of secretion of Saliva
- 6) Regulation of Sodium excretion by kidney
- 7) Abnormalities in Haemoglobin synthesis

WRITE BRIEFLY ON:

5x2=10

- 8) Mention functions of spleen
 - 9) Hypothermia
 - 10) Alimentary Glycosuria
 - 11) Deglutition apnoea
 - 12) Desmosomes
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