

503-A

DR NTR UNIVERSITY OF HEALTH SCIENCES :: VIJAYAWADA – 520 008
M.B.B.S. DEGREE EXAMINATION – DECEMBER, 2015
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) | Draw a neat diagram showing the structure of respiratory membrane and write hemodynamic factors influencing the exchange of gases across the membrane. | 4+6=10 |
| 2) | Describe the regulation of different phases of gastric secretion. | 10 |

WRITE SHORT NOTES ON:

5x4=20

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| 3) | Describe the role of B-lymphocytes in immunity. | |
| 4) | ABO & Rh system of blood groups. | |
| 5) | Anemic hypoxia. | |
| 6) | Significance of P-R interval. | |
| 7) | Ventricular systole | |

WRITE BRIEFLY ON:

5x2=10

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| 8) | Mention the factors effecting the GFR | |
| 9) | Anaphylactic shock. | |
| 10) | Mechanism of sweat secretion | |
| 11) | Role of vasa recta in kidney. | |
| 12) | Distribution of Body Fluids. | |

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