

Q.P. CODE:503-A

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

M.B.B.S. DEGREE EXAMINATION – JULY, 2018

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 the hemodynamic factors influencing the exchange of gases across the membrane. | 10 |
| 2) | Define GFR and describe in detail the factors influencing glomerular filtration. | 10 |

WRITE SHORT NOTES ON:

5x4=20

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|----|-----------------------------|--|
| 3) | Lymph | |
| 4) | Functions of bile | |
| 5) | Heart sounds | |
| 6) | Positive feedback mechanism | |
| 7) | Hamburger shift | |

WRITE BRIEFLY ON:

5x2=10

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|-----|----------------------|--|
| 8) | Exocytosis | |
| 9) | Carotid body | |
| 10) | Erythropoietin | |
| 11) | End diastolic volume | |
| 12) | Extracellular fluid | |
