

504-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-II

Time : 2 ½ Hours

Max. Marks : 50

Note: Answer all questions

Give diagrammatic representation wherever possible

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- 1) Define terms "Growth and Development". List the factors affecting them. Describe briefly physiological aspects of both. 2+2+3+3=10
  - 2) Name the components of middle ear. Give their functions. Describe briefly the role of internal ear in hearing. 2+2+6=10

WRITE SHORT NOTES ON:

5x4=20

- 3) Properties of Nerve Fibers
- 4) Withdrawal reflex
- 5) Control of testicular activity
- 6) Somatosensory Cortex
- 7) Fertilization and implantation of ovum

WRITE BRIEFLY ON:

5x2=10

- 8) Miniature end plate potential
  - 9) Catabolic Nervous System
  - 10) Isometric Muscle Contraction
  - 11) Colostrum
  - 12) Types of smooth muscles
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