

**Q.P. CODE:503-A**

DR. NTR UNIVERSITY OF HEALTH SCIENCES:AP:VIJAYAWADA-520 008  
M.B.B.S. DEGREE EXAMINATION – OCTOBER/NOVEMBER, 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) Discuss the temperature regulating mechanisms of the body. Add a note on Hypothermia 10

2) Describe the hemodynamic events during a cardiac cycle. 10

WRITE SHORT NOTES ON:

5x4=20

3) Gastric phase of gastric secretion

4) Erythroblastosis fetalis

5) Neutrophil Phagocytosis

6) Lung compliance

7) Respiratory centers

WRITE BRIEFLY ON:

5x2=10

8) Plasma osmolality

9) Choloretic agents

10) Reflex salivation

11) Vagal tone

12) Dysbarism

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