

503-A

M.B.B.S. DEGREE EXAMINATION – JULY, 2013
FIRST M.B.B.S. EXAMINATION
PHYSIOLOGY
PAPER-I

Time : 2 ½ Hours

Max. Marks: 50

Answer all questions

1) Name the blood group systems. Explain basis for its classification. Add a note on its clinical importance. 3+4+3=10

2) Define cardiac out put, mention the factors affecting cardiac out put, describe one method of measurement of cardiac out put. 1+4+5=10

WRITE SHORT NOTES ON: 5x4=20

- 3) Properties of cardiac muscle
- 4) Composition and functions of Gastric Juice.
- 5) Juxta medullary nephron
- 6) Heat loss mechanism
- 7) Secondary active transport

WRITE BRIEFLY ON: 5x2=10

- 8) Land Steiner's Law
- 9) P.R Interval
- 10) Artificial respiration
- 11) Control of Salivary Secretion
- 12) Respiratory distress syndrome

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