

503-A

M.B.B.S. DEGREE EXAMINATION – JULY/AUGUST, 2014
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

1) Define mean arterial blood pressure. Describe the various factors regulating it. 2+8=10

2) Describe the role of counter-current mechanism in kidney function. 10

WRITE SHORT NOTES ON: 5x4=20

3) Describe the role of T-lymphocytes in immunity.

4) Outline the steps of erythropoiesis. Explain the essential factors required for it.

5) Pharyngeal phase of deglutition.

6) Digestion and absorption of fats.

7) Haldane effect.

WRITE BRIEFLY ON: 5x2=10

8) Define facilitated diffusion. Describe factors affecting it.

9) Hypovolemic shock.

10) Cyanosis.

11) Physiological dead space.

12) Vitamin K dependant clotting factors.

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