

503-A

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

Time : 2 ½ Hours

Max. Marks: 50

Answer all questions

1) Name the clotting factors. With the help of a schematic diagram, explain the mechanism of blood coagulation. Add a note on any two important bleeding disorders. 3+4+3=10

2) Describe the composition, functions and regulation of secretion of pancreatic juice. 2+4+4=10

WRITE SHORT NOTES ON:

5x4=20

3) Movements of small intestine

4) Second Heart Sound

5) Poiseuille's Hagen formula in circulation

6) Juxtaglomerular apparatus

7) Pace maker potential

WRITE BRIEFLY ON:

5x2=10

8) Functions of lymph

9) Secondary active transport

10) Chronic effects of hypocapnia

11) Jugular venous pulse

12) Hypoxia – Definition and types

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