

M.B.B.S. [1st Prof.]

BF/2015/7

Physiology – B

M.M. : 50

Time : 3 Hours

Note : Attempt all questions.

USE SEPARATE ANSWER SHEET FOR EACH PART.**PART - I**

1. Define clearance value of a substance. Describe briefly significance and application of renal clearance. [2+3+5=10]
2. **Write short notes on:-**
 - a. Digestion in mouth. [4]
 - b. Myenteric reflex. [3]
3. **Write briefly about:-**
 - a. Haematinic principle. [4]
 - b. N-k cells. [4]

PART – II

4. **Briefly describe:-**
 - a. Non- respiratory functions of respiratory system. [5]
 - b. Irritant receptions. [3]
 5. **Describe:-**
 - a. Shunt vessels. [4]
 - b. Hetero-metric regulation of cardiac output. [5]
 6. **Explain why:-**
 - a. Anaemia can not be hyperchromic. [2]
 - b. Defecation after meals is the role in children. [2]
 - c. Increased intracranial tension is associated with brady cardia. [2]
 - d. Oxygen therapy may cause death in a person with respiratory failure. [2]
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