

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

BF/2015/11

Physiology – B

M.M. : 50

Time : 3 Hours

Note : Attempt all questions.

USE SEPARATE ANSWER SHEET FOR EACH PART.

PART - I

1. Give an account of respiratory centres and factors affecting it. Add a note on genesis of respiration. [2+5+3=10]
2. **Write short notes on:-**
 - a. Blood transfusion reactions. [4]
 - b. Bleeding disorders. [3]
3. **Write briefly about:-**
 - a. Mucosal bicarbonate barriers. [4]
 - b. Brunner's glands. [4]

PART – II

4. **Briefly describe:-**
 - a. Renin- angiotension system. [5]
 - b. Artificial kidney. [3]
5. **Describe:-**
 - a. J-point in E.C.G [4]
 - b. Resting vagal tone. [5]
6. **Explain why:-**
 - a. Oedema in hypoproteinemia. [2]
 - b. Urine becomes alkaline after meals. [2]
 - c. Increased micturation during nervousness. [2]
 - d. There is a need to record 12 leads ECG. [2]
