

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

BF/2009/10

Physiology – B

M.M. : 50

Time : 3 Hours

Note : Attempt all questions.

Illustrate your answers with suitable diagrams & graphs.

USE SEPARATE ANSWER SHEET FOR EACH PART.

PART - I

1. What is normal blood pH. How it is maintained. [10]
2. **Write short notes on:**
 - a. Erythropoiesis and factors affecting it. [4]
 - b. Cystometrogram. [3]
3. **Write in brief:**
 - a. Dietary fibre. [4]
 - b. Hypothermia. [4]

PART – II

4. **Write short notes on:**
 - a. Neural regulation of Respiration. [5]
 - b. Functions of Platelets and its clinical importance. [4]
 5. **Write in short:**
 - a. Renin angiotensin mechanism. [4]
 - b. Cellular immunity. [4]
 6. **Write in short:**
 - a. Cardiovascular changes during moderate exercise. [4]
 - b. Axon reflex. [4]
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