

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

BF/2008/11

Physiology – B

M.M. : 50

Time : 3 Hours

Note : Attempt all questions.

Illustrate your answers with suitable diagrams & graph.

USE SEPARATE ANSWER SHEET FOR EACH PART.

Part - I

1. Define Blood pressure. Discuss the immediate response of the body to a sudden fall in blood pressure. [2+8=10]
2. **Write short notes on:**
 - a. Regulation of Erythropoiesis. [4]
 - b. Humoral immunity. [3]
3. **Write in brief:**
 - a. Functions of bile. [4]
 - b. Intestinal motility. [4]

Part – II

4. **Write short notes on:**
 - a. Pulmonary surfactant. [4]
 - b. Oxygen-Haemoglobin dissociation curve. [5]
 5. **Write in short:**
 - a. Osmotic diuresis. [4]
 - b. Inulin clearance test. [4]
 6. **Write in short:**
 - a. Normal ECG, [4]
 - b. Transport of CO₂ in blood. [4]
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