

M.B.B.S. [1st Prof.]
BF/2008/07

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 Cardiac cycle. Describe mechanical events (pressure and volume changes) of left heart in Cardiac cycle. [2+8]

2. **Write short notes on:**
 - a. Polycythemia. [2]
 - b. Structure and functions of Hemoglobin. [5]

3. **Write in brief:**
 - a. Name the Salivary glands. [2]
 - b. Composition of Gastric juice. [3]
 - c. Functions of gall bladder. [3]

Part – II

4. **Write short notes on:**
 - a. Minute ventilation. [2]
 - b. Pulmonary circulation. [5]
 - c. Pleura. [2]

 5. **Write in short:**
 - a. Nephron. [4]
 - b. G.F.R. [4]

 6. **Write in short:**
 - a. Blood pressure. [4]
 - b. PCV [4]
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