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

BF/2014/6

Physiology — B**M.M. : 50****Time : 3 Hours****Note : Attempt all questions.****USE SEPARATE ANSWER SHEET FOR EACH PART.****PART - I**

1. Describe the cardiac cycle. Add a note on first and second heart sound. [8+2=10]
2. Write short notes on:-
 - a. Compensatory mechanisms operating at high altitude in response to hypoxia. [4]
 - b. Role for kidney in regulating body pH. [3]
3. Write briefly about:-
 - a. Regulation of erythropoiesis. [4]
 - b. BMR. [4]

PART—II

4. Briefly describe:-
 - a. Kidney function tests. [5]
 - b. Residual volume and its significance. [3]
 5. Describe:-
 - a. Haemostatic mechanisms. [4]
 - b. Regulation of Pancreatic juice secretion. [5]
 6. Explain why:-
 - a. Jaundice in newborn. [2]
 - b. Salivation on sight and thought of food. [2]
 - c. Albuminuria in kidney disease. [2]
 - d. Oedema in malnutrition. [2]
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