

Q.P. Code: MBB106

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

BF/2021/06

Physiology – B

M.M. : 50

Time : 3 Hours

- Note: 1. Attempt all questions. Illustrate your answers with suitable diagrams.
2. ATTEMPT BOTH PARTS IN SINGLE ANSWER BOOK ONLY.
3. **NO SUPPLEMENTARY SHEET SHALL BE ALLOWED/PROVIDED**
4. **The student must write Q.P. Code in the space provided on the Title page of the Answer Book.**

PART - I

1. Describe the symptoms, clinical features and diagnosis of megaloblastic anaemia. [8]
2. **Write short notes on:-**
- a. Juxtaglomerular apparatus [4]
 - b. Gallstones [3]
 - c. Axon reflex [3]
3. **Give reasons for:-** [1x7]
- a. ABO incompatibility is rare as compared to Rh incompatibility in pregnancy
 - b. Subendocardial part of L.V. is a common site for myocardial infraction
 - c. Skin is cold and clammy in hypovolemic shock
 - d. Blood flow is greater at the base of lungs
 - e. Leucocytosis is seen if blood sample is taken in evening
 - f. Anaemia is observed in a patient of chronic kidney disease
 - g. Jaundice is seen in pre term babies

PART – II

4. Describe the regulation of respiration. [7]
5. **Describe briefly:-**
- a. Liver function tests [3]
 - b. Water diuresis [2]
 - c. Regulation of cardiac output [4]
6. **Write short notes on:-**
- a. Counter Current Mechanism [4]
 - b. Hyperthermia [2]
 - c. Regulation of pancreatic secretion [3]
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