

MANIPAL ACADEMY OF HIGHER EDUCATION
 SECOND MBBS DEGREE EXAMINATION – MAY 2018
 SUBJECT: PATHOLOGY – PAPER I (ESSAY)

H.M.C. LIBRARY
 MANGALORE

Wednesday, May 02, 2018

Time: 10:20 – 13:00 Hrs.

Maximum Marks: 80

- ✗ Answer ALL the questions.
- ✗ Illustrate your answers with diagrams wherever necessary.

1. Define neoplasia. Tabulate differences between benign and malignant tumors. Describe the role of p53 in maintaining the integrity of the genome with the help of a diagram.
 (1+6+3 = 10 marks)

2. A 26 year old pregnant female presented with complains of weakness and fatigue for last 2 months. She also gives history of consuming non-food stuff like clay. On examination she was pale and had koilonychia.

- 2A. What is the diagnosis of this patient?
- 2B. Describe the lab findings of this disorder.
- 2C. Mention the etiological factors responsible for this condition.

(1+7+2 = 10 marks)

3. Write short notes on:

- 3A. Immune Thrombocytopenic Purpura
- 3B. Down syndrome
- 3C. Laboratory diagnosis of multiple myeloma
- 3D. Metastatic calcification
- 3E. Fate of thrombus
- 3F. Classification of Hodgkin lymphoma $w \neq c$
- 3G. Hemophilia A
- 3H. Physical and chemical nature of Amyloid
- 3I. Pathogenesis of complications of Diabetes Mellitus
- 3J. Steps involved in phagocytosis with help of a diagram
- 3K. Pathogenesis of septic shock with help of a diagram
- 3L. Factors influencing wound healing
- 3M. Morphology of Lepromatous leprosy
- 3N. Pathophysiologic categories of edema with examples
- 3O. Spectrum of autoantibodies in SLE

(4 marks × 15 = 60 marks)



