

Rajiv Gandhi University of Health Sciences, Karnataka

MBBS Phase - II Degree Examination - JUNE 2017

Time: Three Hours

Max. Marks: 100 Marks

Pathology - Paper I (RS2 & RS3 Scheme)

Q.P. CODE: 1081

Your answers should be specific to the questions asked

Draw neat, labeled diagrams wherever necessary

LONG ESSAYS**2 x 10 = 20 Marks**

1. What is Metastasis? Describe the pathways of spread of tumours. Describe the mechanism of Cancer Metastasis. (2+4+4 = 10 marks)
2. A 58 years old pure vegetarian male presented with Pallor, weakness, red baldy tongue and numbness in the fingers. His Hb was 8gm^o/13 and MCV was 110f11.
 - a) What is your diagnosis and why?
 - b) What is the etiopathogenesis of this condition?
 - c) What are the laboratory findings in such cases? (2+4+4 = 10 marks)

SHORT ESSAYS**10 x 5 = 50 Marks**

3. Types of Necrosis with examples
4. Laboratory findings in Systemic Lupus Erythematosus (SLE)
5. Role of Complements in Inflammation
6. Vitamin C deficiency
7. Laboratory diagnosis of Genetic diseases
8. Bone Marrow Aspiration study
9. Pathogenesis of Thrombosis
10. Leukemoid reaction
11. Fine Needle Aspiration Cytology
12. Klinefelter syndrome

SHORT ANSWERS**10 x 3 = 30 Marks**

13. Give three examples for Free Radicals and Antioxidants.
14. Diagnostic criteria for Multiple Myeloma
15. Cardinal signs of Inflammation
16. Causes for Microcytic Hypochromic Anaemia
17. Cytological findings in Malignant Pleural Effusion
18. Basophilia
19. Target cells
20. Name different Cancers associated with Chronic Alcoholism.
21. Special (Cytochemical) stains used in Acute Leukemias
22. Give two examples each for different Mendelian Inheritance.
