

# Rajiv Gandhi University of Health Sciences, Karnataka

## MBBS Phase – II Degree Examination - JULY 2015

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 Neoplasia? Classify different Carcinogenic agents with examples. Add a note on Viral Carcinogenesis. (2+4+4 = 10 marks)
2. A five year old boy presented with Pallor, Jaundice and Failure to Thrive. His Hb was 5gm%, peripheral smear showed Microcytic Hypochromic RBCs and many target cells and Reticulocyte count 8%.
  - a) What is your most probable diagnosis and why?
  - b) What is the etiopathogenesis of this condition?
  - c) Add a note on laboratory investigations in this case. (2+4+4 = 10 marks)

#### SHORT ESSAYS

**10 x 5 = 50 Marks**

3. Apoptosis
4. Factors affecting Wound Healing
5. Obesity
6. Microscopic examination of Urine
7. Laboratory findings in CML
8. Turner syndrome
9. Leukemoid reaction
10. Von Willebrand disease
11. Type III Hypersensitivity reaction
12. Pathogenesis of Septic Shock

#### SHORT ANSWERS

**10 x 3 = 30 Marks**

13. Give three examples for Metaplasia.
14. Name six causes for Eosinophilia.
15. Enumerate six causes for Thrombocytopenia.
16. Four differences between Transudate and Exudate
17. Name the investigations included in Liver Function test.
18. CSF Cytology in Tuberculous Meningitis
19. Microscopic features of Lepromatous Leprosy
20. Functional defect in Neutrophils
21. Microalbuminuria
22. Causes for Massive Splenomegaly

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