



# Rajiv Gandhi University of Health Sciences, Karnataka

## MBBS (Phase - II) Degree Examination - June 2016

Time: Three Hours

Max. Marks: 100 Marks

### Pathology – Paper I (Revised Scheme)

**Q.P. CODE: 1056**

Your answers should be specific to the questions asked

Draw neat, labeled diagrams wherever necessary

#### LONG ESSAYS

**2 x 9 = 18 Marks**

1. What is Apoptosis? Mention the causes and discuss mechanisms of Apoptosis.
2. Define Anemia. Mention the morphological classification. Give laboratory diagnosis of Megaloblastic Anemia.

#### SHORT ESSAYS

**10 x 5 = 50 Marks**

3. Classify Infarct. Give examples.
4. Mismatched Blood transfusion – how will you investigate?
5. Casts in Urine
6. Prothrombin Time
7. Sickle cell disease
8. Steatosis (Fatty change)
9. Cytokines in Inflammation
10. Healing of a Fracture
11. Vitamin D – discuss deficiency states in brief.
12. Viruses and cancers

#### SHORT ANSWERS

**16 x 2 = 32 Marks**

13. Neutrophilia
14. Sago spleen
15. Coomb's test
16. Biochemical markers of Cardiac injury
17. HbA1C (Glycosylated Hemoglobin)
18. Indications for Lumbar Puncture
19. Platelets concentrates
20. Gangrene
21. Hypertrophy and hyperplasia
22. Fat necrosis
23. Dystrophic Calcification
24. Fate of Thrombus
25. Autosomal dominant disorders – give two examples.
26. Vitamin A deficiency disease
27. Benign Neoplasms – Mention four characteristics.
28. Phagocytosis

\*\*\*\*\*

