



# Rajiv Gandhi University of Health Sciences, Karnataka

## MBBS (Phase - II) Degree Examination - June 2014

**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 Disseminated Intravascular Coagulation (DIC)? Enlist four important disorders associated with it. Add a note on pathogenesis and laboratory findings. (1+2+6 = 9)
2. Compare and contrast the biochemical and structural changes in reversible and irreversible cell injury caused by Hypoxia. (5+4 = 9)

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

3. Phagocytosis
4. Pathogenesis of Amyloidosis
5. Pathogenesis of Type I Hypersensitivity reaction
6. Differences between Benign and Malignant Neoplasm
7. Turner syndrome
8. Laboratory findings in Iron deficiency Anemia
9. Glycosuria
10. Indications and contraindications of Bone Marrow Aspiration
11. Exfoliative Cytology
12. Bombay blood group

**SHORT ANSWERS****16 x 2 = 32 Marks**

13. Atrophy
14. Flag sign
15. Types of Giant Cells
16. Routes of Metastasis
17. Enlist four pathological features of Lead Poisoning.
18. What is an Abscess?
19. Components of Virchow's triad
20. Four important features of "Healing by first intention"
21. Enlist cytochemical stains for typing of Leukemias.
22. Megaloblast
23. What is International Normalized Ratio (INR)?
24. Enlist acute phase reactants.
25. Enlist four important parameters of Semen examination along with their normal range.
26. What is "Complete Blood Count"?
27. Vacutainer
28. Normal range of BT, CT, PT and aPTT

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