



Rajiv Gandhi University of Health Sciences, Karnataka

MBBS (Phase - II) Degree Examination - JUNE 2017

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. Define, classify, and enlist the Stages of Shock. Add a note on pathogenesis of Septic Shock. (3+6 = 9)
2. Define Leukemia. Classify AML (Acute Myeloid Leukemia) as per WHO guidelines. Add a note on laboratory findings in case of Acute Promyelocytic Leukemia. (1+5+3 = 9)

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

3. Fatty Liver: aetiology, pathogenesis and morphology
4. Arachidonic Acid Metabolites
5. Grading and staging of Neoplasms with their significance
6. Mechanism of Type III Hypersensitivity reaction
7. Down syndrome
8. Laboratory findings in a case of Megaloblastic Anemia
9. Pathogenesis of SCA (Sickle Cell Anemia)
10. Differences between Transudate and Exudates
11. Proteinuria: types and laboratory tests for detection
12. FNAC (Fine Needle Aspiration Cytology): indications and advantages

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

13. Enlist four principles of pathogenesis of Cell Injury.
14. Enlist four important differences between Dry Gangrene and Wet Gangrene.
15. Microscopic features of Lepromatous Leprosy
16. Why P53 gene is called "Guardian of Genome"?
17. Metaplasia: What is it? What is its significance?
18. Enlist four neoplasm associated with EBV (Epstein Barr Virus) infection.
19. Enlist four important diseases associated with Obesity.
20. Enlist four Category-A agents of Bioterrorism.
21. Blast crisis in CML (Chronic Myeloid Leukemia)
22. Enlist eight important criteria for selection of a Prospective Blood Donor.
23. What is Cross matching of Blood?
24. Enlist four indications of Frozen section.
25. What is RDW? What is its significance?
26. What is Bence-Jones protein? What is its significance?
27. Significance of Reticulocyte count
28. What is Azotemia?

