



Rajiv Gandhi University of Health Sciences, Karnataka

MBBS (Phase - II) Degree Examination - DECEMBER 2015

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 Necrosis. Enlist different types of Necrosis with relevant examples. Add a note on Gangrene. (1+4+4 = 9)
2. 38 years old male presents with weakness, fatigue, dyspnea, and complaints of recurrent bleeding piles. On examination: pallor (++), spoon shaped nails and smooth tongue was noted.
 - a) What is your provisional diagnosis?
 - b) What will be the laboratory findings, which will confirm your provisional diagnosis?
 - c) What are the differential diagnosis on peripheral blood smear examination findings? (1+5+3=9)

SHORT ESSAYS

10 x 5 = 50 Marks

3. Metastatic Cascade
4. Free radical injury
5. Pathogenesis of Type IV Hypersensitivity reaction
6. Nutmeg Liver
7. Mechanism of systemic effects of Inflammation
8. Leukemoid reaction
9. ITP (Idiopathic Thrombocytopenic Purpura)
10. Pap smear
11. ESR
12. Erythroblastosis Foetalis

SHORT ANSWERS

16 x 2 = 32 Marks

13. Heart failure cells
14. Enlist four important stains for demonstration of Amyloid.
15. Enlist six hematological parameters obtained on Automated Hematological Analyzer.
16. Functions of each component of CPD-A solution in a Blood bag
17. Enlist four common sites / organs for FNAC and Exfoliative Cytology.
18. Bence – Jones Protein
19. Microscopy of Sarcoid Granuloma
20. Giant cells
21. What is Uremia?
22. Enlist uses of FFP (Fresh Frozen Plasma).
23. Name four signs of inflammation.
24. What is a Stem Cell? What are its types?
25. Types of Infarcts
26. Enlist four most common infections found in AIDS patients in India.
27. Define Pancytopenia.
28. What is Proteinuria? Name the bedside test to diagnose it.



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