

Second BHMS Degree Examinations May 2017

Pathology and Microbiology Including Parasitology, Bacteriology & Virology- Paper I

Time : 3 hrs

Max marks : 100

- **Answer all questions**
- **Draw diagram wherever necessary**

Essays: **(2x10=20)**

1. Explain the factors determining severity of ischaemic injury.
2. Explain the pathogenesis of oedema in detail.

Short notes: **(10x5=50)**

3. Explain the three phases in the formation of granulation tissue.
4. Explain the three components of primary complex in lungs.
5. List the complications of wound healing.
6. Describe the predisposing factors for cancer.
7. Describe the pathogenesis of duodenal ulcer.
8. Describe the pathogenesis of type I diabetes mellitus.
9. Describe the pathology of lobar pneumonia.
10. Classify embolism.
11. Explain the types of giant cells in inflammation.
12. Contrast the features of dry and wet gangrene.

Answer briefly: **(10x3=30)**

13. Classify thrombi based on site of origin.
14. Clinical features of folate deficiency anaemia
15. List the features of hypersplenism.
16. Define hyperaemia and site examples for active hyperaemia.
17. List the causes of ischaemic heart disease.
18. β thalassaemia
19. Define granuloma.
20. Examples of premalignant lesions.
21. Define atrophy and list the causes of atrophy.
22. Haematuria
