

**Q.P. Code 202004**

**Reg. No.:.....**

**Second BHMS Degree Supplementary Examinations October 2017**

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

**(2010 Scheme)**

**Time : 3 hrs**

**Max marks : 100**

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

**Essays:**

**(2x10=20)**

1. Describe the sequence of events in healing by first intention.
2. Describe the pathogenesis of hypovolemic shock and septic shock

**Short notes:**

**(10x5=50)**

3. Describe the pathogenesis of reversible cell injury.
4. Enumerate five differences between metaplasia and dysplasia.
5. Explain the pathogenesis of acute leukaemia
6. Describe the pathogenesis of oedema caused by decreased plasma oncotic pressure.
7. Describe the laboratory findings in iron deficiency anaemia.
8. List the features of active immunity.
9. Describe the aetio-pathogenesis of acute gastritis.
10. Describe the causes of ischaemic heart disease.
11. Explain the gross and microscopic features in first stage of pneumonia.
12. Describe the pathogenesis of goitre

**Answer briefly:**

**(10x3=30)**

13. Explain paradoxical embolus with an example.
14. Enlist the types of hydrocephalus
15. Differentiate phlebothrombosis and thrombophlebitis.
16. Types of passive hyperaemia.
17. Morphological features of emphysema.
18. Name and define the clinical syndromes of protein energy malnutrition.
19. Types Of Angina Pectoris.
20. Define neoplasia.
21. Morphological patterns of amyloidosis of spleen.
22. State the three early changes in pathogenesis of infarction.

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