

**QP Code: 224006**

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

**Second Semester B.Pharm Degree Supplementary Examinations  
January 2019**

**Pathophysiology  
(2017 Scheme)**

**Time: 3 Hours**

**Max. Marks: 75**

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

**Essays**

**(2x10=20)**

1. Define and classify peptic ulcer. Discuss the etiological factors, signs, symptoms, pathogenesis and complications of peptic ulcer.
2. Define inflammation. Describe the various mediators of inflammation with their actions in the inflammatory process.

**Short Notes**

**(7x5=35)**

3. Define calcification and list the different types of calcification with examples.
4. The vascular events of acute inflammation.
5. The pathophysiology of ischemic heart disease.
6. The etiopathogenesis of acute renal failure.
7. Hereditary acquired anemia.
8. Pathogenesis of cancer
9. Leprosy.

**Answer Briefly**

**(10x2=20)**

10. Define metaplasia.
11. Define wound healing.
12. The clinical features of myocardial infarction.
13. Define electrolyte imbalance
14. Any four clinical features of depression.
15. Mention any two complications of inflammatory bowel disease.
16. Any two risk factors for gout.
17. Mention the signs and symptoms of hemophilia
18. The signs and symptoms of urinary tract infections.
19. Any two opportunistic infections that can occur in HIV infection

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