

**Q.P. Code: 401326**

**Reg. no.: .....**

**Fourth Year Pharm D Degree Supplementary Examinations  
December 2019**

**Pharmacotherapeutics III**

**Time: 3 Hours**

**Total Marks: 70**

- Answer all questions
- Draw diagrams wherever necessary

**Essays:**

**(3x10=30)**

1. Explain about various types of anemia and add notes on management of vitamin B<sub>12</sub> deficiency anemia.
2. Write about the types of inflammatory bowel disease and its management.
3. Describe the aetiology and treatment of venous thromboembolism

**Short notes:**

**(8x5=40)**

4. Describe the management of hemorrhagic stroke.
5. Explain the aetiology and types of neuralgias.
6. Pathogenesis and clinical management of Alzheimer's disease.
7. Management of helicobacter pylori induced ulcer.
8. Discuss the PICO in question formation for evidence based medicine.
9. Discuss the patterns of drug induced liver disease.
10. Explain about pain pathways.
11. Risk factors and life style management of gastroesophageal reflux disease.

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