

**M.D. DEGREE EXAMINATION**

**BRANCH I –GENERAL MEDICINE  
MEDICINE INCLUDING PSYCHIATRY**

*Q.P. Code : 202001*

**Time: Three Hours**

**Maximum: 100 marks**

**I. Elaborate on:**

**(2X15=30)**

1. Explain the principles of HAART therapy and current classification of antiretroviral drugs. Explain (a) how you would initiate HAART therapy for an anti-retroviral naive individual; (b) the complications you will look for on treatment and (c) how you will monitor treatment.
2. Explain the pathogenesis of peptic ulcer. How would you diagnose, treat and prevent peptic ulcer?

**II. Write notes on:**

**(10X7=70)**

1. What is the role of thrombolytic therapy in management of acute cerebrovascular accident?
2. Explain the types of antiphospholipid antibodies, the disease associations with APLA and the treatment of this condition.
3. How would you manage a patient with acute kidney injury in the ICU?
4. What are the clinical presentations of Pheochromocytoma? How would approach the diagnosis of a patient with suspected pheochromocytoma?
5. Explain the approach to detoxification of a patient with alcohol dependence syndrome?
6. How would you approach the diagnosis and management of an elderly patient presenting with acute delirium?
7. Explain the diagnostic evaluation and management of a patient with suspected encephalitis.
8. How would you manage a patient with aplastic anaemia?
9. Explain the medical management of benign prostatic hypertrophy.
10. Explain the clinical features, laboratory abnormalities and management of tumor lysis syndrome.

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