

**MD (Hom) Part 1 Degree Regular Examination**

**Speciality- Materia Medica**

**Paper II - Fundamentals of clinical medicine to Homoeopathic Materia medica**

**Time: 3 hrs**

**Max marks: 100**

**Answer all questions to the point neatly and legibly**

**Essay: (20)**

1. A 28-year-old male presents with chronic fatigue, frequent mouth ulcers, and tingling sensations in his hands and feet. On examination, he has pale conjunctiva and a smooth, red tongue, systemic examination was unremarkable. Blood investigation showed Hb 8.1 gm%, RBC count 3.8 million/ $\mu$ l, Mean corpuscular volume 104 femtolitre, Lactate dehydrogenase 320 U/L, while WBC counts, ESR and Liver function tests were within normal limits.
  - a. Prioritize three likely differential diagnosis for this case.
  - b. List additional investigations to confirm the diagnosis with its rationale
  - c. Discuss the general management
  - d. Outline characteristics of Ferrum picricum and Cinchona in severe anemia

( 8+3 + 4 + 5 = 20)

**Long Answer Questions (4x10=40)**

2. Define Evidence-Based Medicine (EBM) and explain its importance in homoeopathic practice. Explain the challenges and strategies for integrating EBM into homoeopathic practice  
(5+5 = 10)
3. Classify vertigo on an aetiological basis and explain its pathophysiology. Differentiate two homoeopathic remedies for vertigo (7 + 3 = 10)
4. Enumerate causes of edema. Discuss the pathogenesis and clinical features of Acute glomerulonephritis. Outline the characteristics of Solidago virguarea in nephritis (3 + 5 + 2 = 10)
5. How will you evaluate a case of obstructive jaundice? Correlate the aetiology with Hahnemannian classification of diseases (7+3)

**Short answer Questions (5x8=40)**

6. Enumerate causes of vitamin D deficiency and discuss its management

7. Enumerate causes of generalized lymphadenopathy. Outline diagnosis of Hpdgkins lymphoma
8. Discuss the causes and management of Hypokalemia
9. Differentiate Agnus castus and Onosmodium in management of erectile dysfunction
10. Describe the characteristis skin eruptions of the three miasms of Hahnemann
11. Explain the merits and demerits of serological tests for leptospirosis
12. Discuss the microbiological tests for tuberculosis
13. Explain the electrical axis of the heart and its interpretation in ECG