

Q.P. CODE: M102B021**Dr. NTR UNIVERSITY OF HEALTH SCIENCES, AP, VIJAYAWADA-520 008****MBBS DEGREE EXAMINATION: JANUARY, 2025****SECOND M.B.B.S. EXAMINATION****PATHOLOGY - PAPER-II****(Theory Questions)****Time: 2 Hour 40 Minutes****Max Marks: 80****Note: Answer all questions.****Draw a neat diagram wherever necessary**

SECTION-II (THEORY QUESTIONS - 80 MARKS)**WRITE ESSAY ON THE FOLLOWING:****2 X15 = 30**

1. 30-year male patient C/O anorexia, nausea and vomiting, fatigue, malaise, headache, photophobia, pharyngitis, cough, and coryza & tastelessness since 1 week. History of fever 102°F since 2 days. Dark urine and clay-colored stools since 1 day. Icterus, tender hepatomegaly—present. Serum HBs Ag reactive.

- What is the probable clinical diagnosis?
- Describe the main clinicopathologic syndromes associated with this disease.
- Describe the defining histologic feature of chronic viral hepatitis.

2. A 7-year-old boy sustained an open compound fracture of the right tibia and fibula. The fracture is set by external manipulation, the condition is sutured, but nothing more is done. One year later, he comes back to have pain in the right leg, and a draining sinus tract has developed in the lower right leg.

- What is the probable clinical diagnosis?
- Describe the morphology of all lesions of such cases.

WRITE SHORT NOTES ON THE FOLLOWING:**10x5=50**

3. Phyllodes tumor
4. Describe the importance of teamwork in arriving at a diagnosis.
5. Urolithiasis
6. Describe the morphology of gastric lesions associated with *Helicobacter pylori*.
7. Hypertrophic cardiomyopathy
8. Describe the morphology of bronchiectasis
9. Endometrial hyperplasia
10. Enumerate the CSF findings in tuberculous meningitis
11. Enumerate the morphologic features of seminoma
12. Enumerate the pathogenesis and morphology of Hashimoto's thyroiditis
