

**The West Bengal University of Health Sciences**  
**MBBS 2nd Professional Examination, November 2021**

Subject : Pathology  
Paper : I

Full Marks : 40  
Time : 2 hours

*Attempt all questions. The figures in the margin indicate full marks.*

1. A 10 year old boy presented with fever epistaxis & lymphadenopathy for last 15 days. 2+5+3
  - a) What is your provisional diagnosis?
  - b) How do you prove your diagnosis?
  - c) Enumerate the morphological classification of the disease.
  
2. Comment on **any two** of the following: 2 x 5
  - a) Chemical mediators play an important role in acute inflammation.
  - b) Carcinogenesis is a genetic event.
  - c) Leukaemoid reaction and Leukaemia are all the same.
  
3. Answer **any two** of the following: 2 x 5
  - a) Pathogenesis of Oedema.
  - b) Differences between type 1 and type 2 diabetes mellitus.
  - c) Tumor suppressor gene.
  
4. Write short notes on **any two** of the following: 2 x 5
  - a) Routes of Metastasis.
  - b) Microcytic Hypochromic anemia.
  - c) Reed Sternberg cells.
  - d) DIC.