

The West Bengal University of Health Sciences
M.D. (Pathology) May - June, 2022 Examination

Paper : IV

Full Marks : 100

Time : 3 Hours

Attempt all questions

1. Discuss the pathophysiology and immunopathology in SARS-COV2 infection. 10
2. Discuss in short the problems with multistep cancer progression model to explain carcinogenesis. 10
3. Write short notes on: 5+5
 - a) Classify and elaborate each type of thymoma
 - b) MEN syndrome
4. Grossing of a Nephrectomy specimen for renal tumour. 10
5. Describe the molecular profiling of breast cancers. 10
6. Classify vesico-bullous lesions of skin. Discuss the histology of each type and role of immunofluorescence in diagnosis. 10
7. How do you demonstrate fungus in tissue? 10
8. Write short notes on: 5+5
 - a) Cytokeratin profiles in bowel and ovarian cancer
 - b) Assessment of prognosis in melanoma
9. Discuss briefly on next generation DNA sequencing. 10
10. What do you mean by the term liquid biopsy ? Discuss briefly its role in diagnostic pathology. 10