

[Time: 3 Hours]**[Max. Marks: 100]****TUMOUR PATHOLOGY - PAPER – I****QP Code: 4213**

Your answers should be specific to the questions asked.

Draw neat labeled diagrams wherever necessary.

Answer All The Questions**10 X 10 = 100 Marks**

1. Grossing and reporting of post-neoadjuvant chemotherapy breast specimens
2. Discuss how you would handle a needle core biopsy specimen from a suspected malignant lung tumour to aid optimal management
3. Discuss the role of flow cytometry in the diagnosis of Leukemias
4. Discuss the updates in the IHC and diagnostic molecular pathology of bone tumours
5. Predictive and prognostic markers in breast cancer including recent updates
6. microsatellite instability (MSI) in oncopathology
7. Update on the molecular genetics of ovarian neoplasms
8. The Pairs system for reporting urinary cytology with ancillary FISH testing
9. Salient changes in the 5th edition of WHO classification of Female Genital Tumours 2020
10. Discuss large B cell lymphomas and the role of IHC and FISH in diagnosis and management

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