

**PATHOLOGY**  
**PAPER-III**

TIME: 3 HOURS  
MAX. MARKS: 100

PATH/J/20/32/III

**Important Instructions:**

- Attempt all questions in order.
- Each question carries 10 marks.
- Read the question carefully and answer to the point neatly and legibly.
- Do not leave any blank pages between two answers.
- Indicate the question number correctly for the answer in the margin space.
- Answer all the parts of a single question together.
- Start the answer to a question on a fresh page or leave adequate space between two answers.
- Draw table/diagrams/flowcharts wherever appropriate

**Write short notes on:**

1. Enumerate the Chapel Hill Classification of vasculitis. Discuss small vessel vasculitis. 5+5
2. Classify sino-nasal neoplasms. Discuss the newer entities. 5+5
3. a) Sclerosing adenomatoid transformation of Spleen (SANT). 5+5  
b) Solid Pseudopapillary Epithelial Neoplasm (SPEN).
4. Discuss the risk stratification in GIST. Discuss role of IHC and molecular diagnostics in the neoplasm. 5+5
5. Enumerate the indications of muscle biopsy. Discuss the role of routine stains and Electron Microscopy in identifying muscle pathology. 5+5
6. Classify renal graft rejection. Discuss Banff classification of renal transplant pathology. 5+5
7. Classify vesico-bullous lesion of skin. Elaborate the role of immunofluorescence in the diagnosis. 5+5
8. Classify low grade B Cell lymphomas. Discuss the role of histology and immunohistochemistry in classifying them. 5+5
9. a) Histologic variants of ameloblastoma. 5+5  
b) Immunological classification of triple negative breast cancer.
10. a) Translocation associated renal cell carcinomas. 5+5  
b) Molecular classification of endometrial cancer.

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