

M.D. (PATHOLOGY): Winter-2022
**SUBJECT: PAPER-I: GENERAL PATHOLOGY, PATHOPHYSIOLOGY
IMMUNOPATHOLOGY AND CYTOPATHOLOGY**

Day : Friday

Time : 01:30 PM-04:30 PM

Date : 16-12-2022

W-722-2022

Max. Marks : 100

N.B.:

- 1) **Q. No.1 and Q. No.2 are COMPULSORY.**
 - 2) Attempt **ANY SEVEN** questions from **Q. No.3 to Q. No.10.**
 - 3) Figures to the right indicate **FULL** marks.
 - 4) Draw neat and labelled diagrams **WHEREVER** necessary.
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|-------------|---|-------------|
| Q.1 | Discuss the role of cytogenetics in diagnosis of genetic disorders. | (15) |
| Q.2 | Discuss radiation induced cell injury. | (15) |
| Q.3 | Discuss pathogenesis of pulmonary edema. | (10) |
| Q.4 | Enlist paraneoplastic syndromes. Add a note on their clinical importance. | (10) |
| Q.5 | Discuss pathogenesis of polyarteritis nodosa. | (10) |
| Q.6 | What is the role of endothelial cell injury in thrombosis? | (10) |
| Q.7 | Discuss the role of growth factors in the process of healing. | (10) |
| Q.8 | Write a note on necroptosis and pyroptosis. | (10) |
| Q.9 | Describe The Bethesda System of reporting Thyroid Cytology. | (10) |
| Q.10 | Describe pathogenesis and autopsy findings in sudden infant death syndrome. | (10) |

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