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RAN-2406120601010501

M.D. (Pathology) Examination April - 2025

Basic Medical Sciences as Applied to Pathology

**(General Pathology, Pathophysiology, Immunopathology
and Molecular Biology) Paper - I**

Time: 3 Hours]

[Total Marks: 100

સૂચના : / Instructions

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નીચે દર્શાવેલ નિશાનીવાળી વિગતો ઉત્તરવહી પર અવશ્ય લખવી.
Fill up strictly the details of signs on your answer book

Name of the Examination:

M.D. (Pathology)

Name of the Subject :

**Basic Medical Sciences as Applied to Pathology (General Pathology,
Pathophysiology, Immunopathology and Molecular Biology) Paper - I**

Subject Code No.: **2406120601010501**

Seat No.:

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Student's Signature

- (2) All questions are compulsory.
- (3) Write Legibly
- (4) Figures to the right indicate full marks.

- Q-1.** Discuss about the molecular basis, biochemical aspects and transmission patterns of Single Gene disorders. **(20 Marks)**
- Q-2.** Discuss in detail about Etiopathogenesis, types, morphological changes and stages of shock. **(20 Marks)**
- Q-3. Write Short Notes on each (60 Marks)**
- a) Lysosomal storage disorders.
 - b) Discuss the pathogenesis of cellular ageing.
 - c) Mechanisms of autoimmunity.
 - d) Mechanism of recognition & rejection of allografts
 - e) NABL accreditation for histopathology laboratories
 - f) Ischaemia reperfusion Injury

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