

(DM 0221)

FEBRUARY 2021

Sub. Code: 1351

**D.M. – CLINICAL IMMUNOLOGY AND RHEUMATOLOGY**

**Paper I – BASIC SCIENCES AND DIAGNOSTIC PROCEDURES IN  
RHEUMATOLOGY AND CLINICAL IMMUNOLOGY**

*Q.P. Code: 161351*

**Time: Three Hours**

**Maximum: 100 Marks**

**I. Elaborate on:**

**(2 x 15 = 30)**

1. Write in detail about the Biology of Joints.
2. Write about Apoptosis in detail. Give an account of Apoptosis in various Rheumatic Diseases.

**II. Write notes on:**

**(10 x 7 = 70)**

1. Rheumatoid Pannus.
2. Neurology of pain and inflammation.
3. Inflammasome in Rheumatic Diseases.
4. Viruses implicated in Rheumatoid Arthritis.
5. Animal models of Scleroderma.
6. Etiology of Myositis.
7. Mechanisms of Gait.
8. Hip Protectors.
9. Plasma Cytoid Dendritic Cells.
10. Diagnostic Arthroscopy.

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