

D.M. – RHEUMATOLOGY

**Paper IV – RECENT ADVANCES IN RHEUMATOLOGY AND
IMMUNOLOGY**

Q.P.Code: 161354

Time: Three Hours

Maximum: 100 Marks

I. Elaborate on: **(2 x 15 = 30)**

1. Newer imaging modalities in management of a patient with peripheral inflammatory arthritis. Discuss the relevant studies in brief.
2. Update on autoantibodies in inflammatory myositis and overlap syndromes. Write a note on recent advances in the management of inflammatory myositis.

II. Write notes on: **(10 x 7 = 70)**

1. DETECT guidelines for management of pulmonary hypertension.
2. m-TOR pathway in rheumatic/ systemic autoimmune connective tissue diseases.
3. Refractory ANCA associated vasculitis.
4. Tofacitnib.
5. New criteria for polymyalgia Rheumatica.
6. Next Generation sequencing.
7. Stimulator of interferon genes (STING) associated vasculopathy.
8. Biologics treatment in a patient with latent TB.
9. Genetics of Takayasu Arteritis.
10. Deficiency of Interleukin receptor antagonist.
