

CLINICAL IMMUNOLOGY AND RHEUMATOLOGY**PAPER-III**

Time: 3 hours

RHM/D/20/43/III

Max. Marks:100

Important Instructions:

- You are provided with 5 answer sheet booklets. Each individual answer sheet booklet consists of 10 pages excluding the covering jackets.
- Answers to all the questions must be attempted within these 5 answer sheet booklets which must be later tagged together at the end of the exam.
- No additional supplementary answer sheet booklet will be provided.
- 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. Pathophysiology and management of Scleroderma Renal Crisis (SRC). 5+5
2. Discuss about disease activity indices and damage indices in SLE and their clinical implication. 7+3
3. Discuss about acute phase reactants. Compare between ESR and CRP utility and their utility in rheumatic disease. 6+4
4. Autoantibodies and their significance in inflammatory myositis. Discuss about IVIG in myositis. 8+2
5. Discuss about epidemiology of primary vasculitis syndrome. Write brief note on immune complex mediated vasculitis. 6+4
6. Disease activity, damage and functional capacity measures in JIA. 4+3+3
7. Discuss various reasons for anemia in rheumatic diseases. How do you differentiate between iron deficiency anemia and anemia of chronic disease? 5+5
8. Discuss role of Nail Fold Capillaroscopy (NFC) in Rheumatology. Draw a diagram to show different parameters assessed in NFC. 6+4
9. What are the principle of Ultrasonography and power Doppler? What structures can be assessed by US in Rheumatology? Discuss newer imaging modalities in spA. 3+4+3
10. What are the various rheumatological manifestations seen in leprosy? Discuss differential diagnosis and management. 5+(2+3)
