

**RHEUMATOLOGY**  
**PAPER-II**

Time: 3 hours  
Max. Marks:100

RHM/J/20/43/II

**Important Instructions:**

- 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. Define and classify panniculitis? Discuss differential diagnosis in a patient with erythema nodosum and ankle arthritis. 5+5
2. Briefly describe type of pulmonary involvement in RA. Write management and prognosis of interstitial lung disease in RA. 3+(4+3)
3. What is the role of intra-articular (IA) drugs in osteoarthritis? In addition, discuss role of IA mesenchymal stem cells in OA. 6+4
4. A 27-year-old patient with SLE presented to casualty with fever, dyspnea & hemoptysis for two days. Write differential diagnosis. Describe approach to management of this patient. 3+7
5. What is CPPD disease? What are the various conditions associated with it? How do you differentiate acute attack of CPPD disease from gout? 2+2+6
6. Compare and contrast juvenile idiopathic inflammatory myositis from adult idiopathic inflammatory myositis. What are the prognostic factors and long-term outcome of juvenile idiopathic inflammatory myositis? 6+4
7. Write a narrative on various effects of SARS-COV2 pandemic on patients with rheumatic diseases and rationale behind use of certain anti-rheumatic drugs in management of COVID-19. 6+4
8. Name 3 organisms associated with reactive arthritis. What is the postulated pathogenesis of acute and chronic reactive arthritis? 3+7
9. Write pathophysiology of axial spondyloarthritis. Discuss treat to target strategies in axial spondyloarthritis. 5+5
10. Name 3 different disease activity measures used in RA. Compare and contrast them. Are patient administered disease activity measures as good as physician determined measures? 3+4+3

\*\*\*\*\*