

RHEUMATOLOGY
PAPER-III

Time: 3 hours
Max. Marks:100

RHM/J/20/43/III

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. What is vascular Behcet's syndrome? Write its pathogenesis and various manifestations. What are the various therapeutic approaches? 2+4+4
2. Discuss ILAR classification of juvenile arthritis? What are the problems with it? Is there a need to modify the classification? 5+3+2
3. What are the major mechanisms involved in the pathogenesis of Neuropsychiatric lupus? How does it impact the approach to patient with neuropsychiatric lupus? 6+4
4. Discuss management of a patient with active Takayasu's arteritis. What is the role of endovascular intervention? 6+4
5. What are the indications of hip joint replacement? When do you prefer a non-cemented hip prosthesis? What are the long term complications? 3+2+5
6. Discuss rheumatological manifestation seen in patients with primary immunodeficiency? What are the clinical features of DADA-2. 7+3
7. Discuss different T helper cell subsets? How can you increase T regulatory cells to reset the balance in patients with autoimmune diseases? 4+6
8. What are the causes of foot pain? Write challenges and management of foot pain. 3+2+5
9. What is the importance of detecting ANA subspecificities? Discuss clinical association of these autoantibodies? Name 2 methods used to test these autoantibodies. 3+5+2
10. Discuss therapies targeted at type I interferon pathway in SLE and autoinflammatory diseases. 7+3
