

RHEUMATOLOGY

PAPER - I

RHM/D/13/43/I

Time : 3 hours

Max. Marks : 100

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:

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| 1. Health Economics Evaluation. | 10 |
| 2. Nanomedicine in Rheumatology practice (applicability and future prospects). | 5+5 |
| 3. Small molecules in Rheumatology. | 10 |
| 4. Role of T cells in innate immune response. | 10 |
| 5. Regression Analysis. | 10 |
| 6. Applied anatomy of the elbow joint. | 10 |
| 7. Animal models in ankylosing spondylitis. | 10 |
| 8. Role of B-cell activation factor in pathogenesis of Sjogren's Syndrome. | 10 |
| 9. Air pollution and autoimmunity. | 10 |
| 10. Genome wide association studies in systemic sclerosis. | 10 |
