

(LD 021)

AUGUST 2013

Sub. Code:1351

D.M. – RHEUMATOLOGY
Paper – I BASIC SCIENCES AND DIAGNOSTIC PROCEDURES IN
RHEUMATOLOGY AND CLINICAL IMMUNOLOGY

Q.P.Code: 161351

Time: Three Hours

Maximum: 100 marks

I. Elaborate on:

(2X15=30)

1. Classification of joints. Developmental biology of diarthrodial joints.
2. Role of T cells in innate immune response. Describe Th17 cells and their role in normal and pathological situation in Rheumatology.

II. Write notes on:

(10X7=70)

1. IL-6.
2. Bone Markers.
3. Insulin like growth factors.
4. Osteoclasts.
5. Dendritic cells.
6. Neutrophil Granules.
7. Genome wide association studies.
8. Angiogenesis in Autoimmunity.
9. Death Ligands, Receptors and signals.
10. Neurogenic regulation of inflammation.
