

M.D. DEGREE EXAMINATION

BRANCH XVI – GERIATRICS

**PAPER IV – SOCIAL AND PREVENTIVE GERIATRICS INCLUDING
REHABILITATION AND RECENT ADVANCES**

Q.P. Code :202060

Time : Three Hours

Maximum : 100 Marks

I. Elaborate on:

(2 x 15 = 30)

1. Osteoporosis – definition, pathogenesis, diagnosis, management – including newer interventions. Also elaborate on male osteoporosis and premenopausal osteoporosis.
2. Define septic shock, systemic inflammatory response syndrome and multiorgan dysfunction syndrome. What is the etiopathogenesis of septic shock? What investigations will you send and what is the treatment you will initiate in a patient with septic shock?

II. Write notes on:

(10 x 7 = 70)

1. Pathognomic MRI findings in Progressive supranuclear palsy and multi system atrophy.
2. Etiopathogenesis and management of in stent stenosis.
3. Low molecular weight heparins – types, indications for use, benefits and side effect profile.
4. Emerging biomarkers in cognition.
5. Ezetimibe – indications, mode of action, metabolism, excretion, side effects and dosage.
6. Frailty and its prevention.
7. Temporal arteritis – diagnosis, clinical features, treatment and prognosis.
8. Prostate specific antigen – to screen or not to screen – what does the recent evidence show and why?
9. Diffuse idiopathic skeletal hyperostosis – presentation, investigations and treatment options.
10. Dermatomyositis in the elderly – presentation, associated co morbidities, laboratory investigations and treatment options. Write a note on prognosis.
