

**M.D. DEGREE EXAMINATION
BRANCH XVI – GERIATRICS**

PAPER I – GENERAL MEDICINE INCLUDING PSYCHO GERIATRICS

Q.P. Code :202056

Time : Three Hours

Maximum : 100 Marks

I. Elaborate on:

(2 x 15 = 30)

1. Chronic fatigue syndrome – Diagnostic criteria, clinical manifestations, predisposing factors, course, prognosis and treatment modalities.
2. Diffuse parenchymal lung diseases – Epidemiology, pathogenesis, classification, prognosis and natural history, diagnostic approach and treatment.

II. Write notes on:

(10 x 7 = 70)

1. Ebola virus – its clinical features, spread, treatment and prevention.
2. Define the following
 - a. Physical abuse.
 - b. Neglect.
 - c. Financial or material abuse.
 - d. Psychological or verbal abuse.
 - e. Care giver burden.
3. Hyperthyroidism in the elderly – presentation, investigation and treatment.
4. What are the principles of therapy and treatment in a 65 year old patient recently diagnosed to have Parkinson's disease? He has predominant rigidity and minimal tremor.
5. What would be the ideal approach to 65 year old Mr. Karthikeyan's insomnia? He has recently retired from a busy professional career.
6. Seventy year old Mr. Raghavan is on treatment for cardiac failure. His TSH was 50 micro IU/ml and his T3 and T4 were both suppressed. He complained of constipation and intolerance to cold. He had put on a considerable amount of weight. How would you treat Mr. Raghavan? How would you follow him up and what would you specifically instruct him?
7. Mr. Soundaranayagam is a known diabetic. He is on oral hypoglycaemic agents and came to you for a regular outpatient check up. His Potassium was found to be 5.7 mEq/L – how would you investigate and treat this patient with regards to his potassium value?
8. Mr. Kannan, a chronic smoker, with 30 pack years behind him, presented to the Geriatric OPD with cough. Routine chest Xray revealed a solitary pulmonary nodule. What is your next investigative procedure? How would you proceed to manage the patient following this investigative procedure?
9. Aortic stenosis – clinical presentation, diagnosis and management.
10. DOTS and treatment of Multidrug resistant and XDR tuberculosis.
