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. Paget's disease – epidemiology, etiology, pathophysiology, clinical manifestations and treatment.

2. Name the various plasma cell dyscrasias. What are their clinical presentations, diagnostic criteria, course and progression and their various treatment options?

II. Write notes on: **(10 x 7 = 70)**

1. 65 year old Mrs. Shakuntala presented to OPD with loss of appetite, lack of interest in doing her daily work and a considerable weight loss. She complains of insomnia. She is teary and upset during the course of her OP interaction and has thoughts of worthlessness. She has even contemplated on killing herself. What would be your approach – what are the class of drugs one can give safely in this age group, and what is their side effect profile? What will be your follow up?

2. Head up Tilt test – its indication, procedure and interpretation.

3. Wallenberg syndrome – cause, clinical features and treatment.

4. Mr. Rathinam, a seventy year old diabetic, lives alone at home. He has been having recurrent falls. How will you evaluate him and prevent him from falling?

5. Enumerate the pre operative assessment of 68 year old Mr. Arulanandam, who is going in for surgical correction of his fracture neck of femur. He is a diabetic on oral hypoglycaemic agents and his HBA1c is 6.

6. 72 year old Mrs. Arangadan has had fecal incontinence for one year. How will you evaluate Mrs. Arangadan?

7. Isolated systolic hypertension - cut off value, treatment and prognosis.

8. Chickungunya – Clinical presentation, differential diagnosis, laboratory tests and management.

9. Hypercalcemia – causes, evaluation and management.

10. Mr. Kalyanisundaram, a 67 year old man presented to Casualty with cough with purulent expectoration and fever for the past three days. On admission, he was tachypnoeic, tachycardic and hypotensive. How will you investigate and treat this patient?

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