

THE TAMIL NADU DR.M.G.R. MEDICAL UNIVERSITY

[MD 0522]

MAY 2022

Sub. Code: 2060

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. Define sepsis. Describe the epidemiology, clinical presentation, diagnosis, management and prognosis of an older person with sepsis.
2. What is palliative care? What are the principles of palliative care? Name some interventions in Palliative Care which would decrease the suffering of a person with painful bone metastasis, nausea, vomiting, constipation and breathlessness? How has this aspect of medical science evolved in India?

II. Write notes on:

(10 x 7 = 70)

1. Inputs from the occupational therapist on the team caring for the older person are not clearly understood. Highlight the role of the occupational therapist and how his or her presence can affect the care of the patient on the ward and at discharge.
2. Compare and contrast the test used to identify / screen for frailty.
3. Heart failure is commonly encountered on the geriatric wards. Describe the etiopathology clinical presentation, stages and management of heart failure.
4. The Orthopedic team in the health care facility you work in wants you to draw up evidence based protocol on Venous thromboembolic prophylaxis following elective total hip and knee replacements. Draw up this protocol based on evidence in literature.
5. Mr. Atul has come into the Emergency Department with severe breathlessness and an oxygen saturation of 60 %. He is known to have chronic obstructive pulmonary disease and was on inhalers. He developed cough with purulent sputum three days ago. How would you tailor oxygen requirements and oxygen delivery systems throughout his hospital stay and at discharge?

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6. What is a living will? What is the procedure to write a living will in India and how is it executed?
7. What are the stages of a pressure sore? What are the common sites involved? How is it preventable and outline the appropriate treatments for each of the above mentioned stages.
8. Prior to initiating long term rehabilitation in a patient with stroke, what are the factors you would take into consideration before admitting such a patient into this facility?
9. Enumerate and briefly explain the components of the Hospital Elder Lift Program.
10. What is the preliminary assessment done in an older male with lower urinary tract symptoms? When would you refer to a Urologist?

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