

August - 2026

**BLDE (DEEMED TO BE UNIVERSITY)
POST GRADUATE DEGREE EXAMINATION**

[Time: 3 Hours]

[Max. Marks: 100]

**MD GERIATRICS – PAPER - I
QP CODE: 5085**

Your answer should be specific to the questions asked.
Draw neat labeled diagrams wherever necessary.
Each answer should be written on new page only.
Write Question No. in the middle of the page.

Long Essay

2x20=40 Marks

1. Explain the physiological changes occurring in the endocrine system with ageing. Discuss their implications for diagnosis and management of endocrine disorders in older persons.
2. Describe age-related changes in the nervous system. Analyze how these changes influence cognitive function, gait, balance, and susceptibility to neurological diseases.

Short Essay

6x10=60 Marks

3. Free radical theory of ageing.
4. Age-related changes in respiratory physiology.
5. Sarcopenia: pathophysiological basis.
6. Changes in hepatic function with ageing.
7. Vitamin D metabolism in older adults.
8. Bone remodelling and osteoporosis.

19/08

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[Time: 3 Hours]

[Max. Marks: 100]

MD GERIATRICS – PAPER - II

QP CODE: 5086

Your answer should be specific to the questions asked.

Draw neat labeled diagrams wherever necessary.

Each answer should be written on new page only.

Write Question No. in the middle of the page.

Long Essay

2x20=40 Marks

1. An 82-year-old woman presents with recurrent falls, cognitive decline, urinary incontinence, and multiple comorbidities. Analyze the possible etiologies, discuss the diagnostic approach, and formulate a comprehensive management plan.
2. Discuss the clinical presentation, diagnosis, differential diagnosis, and management of delirium in older adults. Explain how delirium differs from dementia and depression in geriatric practice.

Short Essay

6x10=60 Marks

3. Hypertension in the elderly.
4. Heart failure in older adults.
5. Diabetes mellitus in geriatric patients.
6. Depression in late life.
7. Dementia: classification and causes.
8. Polypharmacy and its consequences.

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[Max. Marks: 100]

**MD GERIATRICS – PAPER - III
QP CODE: 5087**

Your answer should be specific to the questions asked.
Draw neat labeled diagrams wherever necessary.
Each answer should be written on new page only.
Write Question No. in the middle of the page.

Long Essay

2x20=40 Marks

1. A 78-year-old man with multiple chronic illnesses is receiving ten medications. Discuss the principles of geriatric pharmacotherapy and apply them to the assessment and management of polypharmacy in this patient.
2. Analyze the causes of falls in older adults. Discuss risk assessment, preventive interventions, and multidisciplinary management strategies.

Short Essay

6x10=60 Marks

3. Polypharmacy: definition and consequences.
4. Deprescribing in older adults.
5. Mobility assessment in geriatrics.
6. Pressure ulcers in older persons.
7. Elder abuse and neglect.
8. Rehabilitation in geriatric medicine.

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[Time: 3 Hours]

[Max. Marks: 100]

MD GERIATRICS – PAPER - IV

QP CODE: 5088

Your answer should be specific to the questions asked.

Draw neat labeled diagrams wherever necessary.

Each answer should be written on new page only.

Write Question No. in the middle of the page.

Long Essay

2x20=40 Marks

1. Analyze the role of technology-assisted care in geriatrics. Discuss the applications, benefits, limitations, and ethical concerns related to telehealth, remote monitoring, and artificial intelligence in elderly care.
2. Discuss the social challenges faced by older adults in contemporary society. Apply the principles of social geriatrics to develop strategies for promoting healthy and active ageing at community and policy levels.

Short Essay

6x10=60 Marks

3. Active ageing.
4. Successful ageing.
5. Elder abuse: prevention strategies.
6. Occupational therapy in geriatrics.
7. Physiotherapy in geriatric rehabilitation.
8. Social security schemes for older adults.