



# **Post Graduate Diploma in Geriatric Medicine (PGDGM)**

## **ASSIGNMENTS**

**2026**

PGDGM/MME 105/AS1-2

**IGNOU**

*School of Health Sciences*  
**Indira Gandhi National Open University**  
**Maidan Garhi, New Delhi-110068**  
**2026**

Dear Student,

As explained in the Programme Guide, there are nine assignments in total and **all** these assignments are compulsory. Please note that the assignments carry a weightage of 30% marks towards the final evaluation in theory component and **submission of related assignments is a prerequisite** for appearing in theory term-end examination for respective papers. The subject area of assignments and its last date of submission are mentioned below:

Last Date of Submission*	Course Code	Blocks Involved	Assignment Code
August 15, 2026	MME-105	1 and 2	MME-105/AS-1
September 15, 2026	MME-105	3 and 4	MME-105/AS-2

Please take note of the following points before writing your assignments:

- Use only foolscap size paper for writing your responses. Only hand written assignments will be accepted. Typed or printed copies of assignments will not be accepted.
- Tie the pages after numbering them carefully.
- Write the question number with each answer.
- **All the questions are compulsory.**
- Every assignment will be evaluated out of a full mark of 100. Weightage is indicated in parenthesis against each question.

**Suggestions for writing an assignment:**

Read the assignments carefully. Go through the units on which the answers are based. Draw a rough outline of your answer. Make a logical order. Then write your answer neatly and submit. Give illustrations and tables wherever necessary. You may keep a Xerox copy of the answer sheets for future reference.

Answer each assignment in separate sheets. On the first page of the assignment response sheet, write the course code, course title, assignment code, name of your programme study centre and date of submission. Your Roll No., Name and Full address should be mentioned in the top right corner of the first page. The first page of your response sheet should look like the format given.

Course Code _____	Roll No. _____
Course Title _____	Name _____
Assignment Code _____	Address _____
PSC _____	_____
Date of Submission _____	_____

**Please submit the assignments to your LSC/PSC Coordinator only.**

## Assignment-4 (Blocks1&2)

Course Code: MME-105  
Assignment Code: MME-105/AS-1  
Maximum Marks: 100  
Due Date: August 15, 2026

Answer all the questions

**1) Answer the following questions within 750 words.**

**(2×20 =40)**

1. An elderly patient has been brought to emergency with H/O convulsion at home. His comorbid illness are DM & IHD and he is on medications. On physical examination, he is disoriented. His Blood Glucose= 84, Serum Na= 105, Blood urea= 29, serum creatinine= 1.4, serum potassium= 4.0. His neuroimaging is within normal limits. What are the possible risk factors for his electrolyte disturbance and how will you manage the emergency?
2. 65 year old recently retired male complains of daytime sleepiness. He has hypertension and dyslipidaemia and is on treatment with hydrochlorothiazide and rosuvastatin. Height 5 feet 8 inches. Weight 96kg. BP 140/90 mm Hg. After reducing caffeine intake and increasing daytime activity he still feels very sleepy during the day. No snoring/choking/apnoeic episodes. His wife reports frequent night-time cough. He has some morning hoarseness and occasional epigastric discomfort. H/o previous self-medication with antacids.

Questions: What is likely diagnosis? What investigations are needed? What are complications associated with the condition?

**2) Answer the following questions within 300 words.**

**(10× 6=60)**

- a) What are the clinical features of dehydration in elderly?
- b) Vaccines in elderly
- c) Treatment of Anemia in elderly
- d) Assessment and management of dementia
- e) What are the different types of gallstones and how gall stone disease in elderly different from younger adults?
- f) Differential diagnosis of asthma and COPD

## Assignment-5 (Blocks 3 & 4)

Course Code: MME-105  
Assignment Code: MME-105/AS-2  
Maximum Marks:100  
Due Date: September 15, 2026

Answer all the questions

1) Answer the following questions within 750 words.

(2 ×20=40)

1. An elderly lady of 65 years was well up until 8 AM on the day of admission. She has been a diabetic and a hypertensive for the past 8 years. She is on oral hypoglycemics and anti-hypertensives. On admission at 10 AM she was conscious, opened eyes spontaneously but was aphasic and had no auditory comprehension. She has right hemiplegia grade 0. Her CT head scan shows no parenchymal abnormalities but a hyperdense MCA on the left. Discuss further management. What further workup is necessary before thrombolysis, contraindications, precautions, and management of thrombolysis in acute ischemic stroke.
2. A 60-year-old diabetic patient with chronic kidney disease, and treatment with corticosteroids for nephrotic syndrome presented with fever, disorientation and was in a fugue state with naming difficulties and aphasia. A computed tomographic scan was negative for brain injury. Cerebrospinal fluid (CSF) tests were positive: the fluid was turbid, glycorrachia was 140 mg/dl (normal range, 50–80 mg/dl), proteinorrachia was normal, and the CSF white cell count was 132 (normal range, 0–5). The patient was given broad-spectrum antibiotic therapy while awaiting the CSF culture results. The CSF culture was negative for bacteria. Magnetic resonance imaging detected diffuse signal changes in the cortical and subcortical matter, especially in the frontal-temporal region and the parietal region in both cerebral hemispheres, but particularly in the left hemisphere. The EEG showed a bilateral slowing with disappearance of the normal waveforms and occasional high-voltage spike-and-wave discharges. What is your diagnosis? How will you manage?

2) Answer the following questions within 300 words.

(10×6 =60)

- a) Causes of Orthostatic hypertension
- b) Medical Management of Ischemic heart disease
- c) Primary prevention of sudden cardiac death
- d) What are the main stroke types and explain how to distinguish between them.
- e) How do you evaluate and manage Psychosis in Elderly?
- f) Non-pharmacological management of Parkinson's disease