



Post Graduate Diploma in Geriatric Medicine (PGDGM)

ASSIGNMENTS

2023

PGDGM/MME 105/AS1-2

IGNOU

School of Health Sciences
Indira Gandhi National Open University
Maidan Garhi, New Delhi-110068
2023

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
August15, 2023	MME-105	1and2	MME-105/AS-1
September15, 2023	MME-105	3and4	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 Programme-in-charge only.

Assignment-4 (Blocks1&2)

Answer all the questions

Course Code: MME-105
Assignment Code: MME-105/AS-1
Maximum Marks: 100
Due Date: August 15, 2023

- 1) Answer the following questions within 750 words. (2X20 =40)
- a) An elderly patient has been brought to emergency with H/O convulsion at home. His comorbid illnesses are DM & IHD 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?
- b) 74-year-old man admitted with severe sepsis develops loose stools. Sigmoidoscopy showed yellowish exudates. H/o recurrent episodes of urinary tract infections treated with multiple courses of antimicrobials including cefixime, nitrofurantoin and amoxicillin-clavulanate. Five months prior to this admission he was admitted with an abdominal abscess with iliac vein thrombosis that was treated with piperacillin-tazobactam and amikacin. In the month preceding his admission, he had sepsis due to extended-spectrum beta-lactamase (ESBL)-producing Escherichia coli that was treated with imipenem.
- i) Questions: What is likely diagnosis? Outline management options. How to prevent?
- 2) Answer the following questions within 300 words. (10X 6=60)
- a. What are the important effects of aging which affect fluid & electrolyte balance in elderly?
- b. Screening for memory and affective problems
- c. Nutritional deficiency Anemia in elderly
- d. Describe the natural history of hepatitis B?
- e. Pathogenesis of Pneumonia in elderly
- f. Treatment of Cor Pulmonale

Assignment-5 (Blocks3&4)

Course Code: MME-105
Assignment Code: MME-105/AS-2
Maximum Marks: 100
Due Date: September15, 2023

Answer all the questions

- 1) Answer the following questions within 750 words. (2X20=40)
- a) A 68 year old male patient came to you with complaints of misplacing things and forgetfulness for past 3 weeks. He also complained of feeling low, difficulty in getting out of bed, poor appetite. He was recently laid off from his workplace due to poor vision. On examination, he is able to answer your questions and follow your commands. He is not able to register 3 different words, when you try to do 3 word recall. What is the diagnosis in this patient? What will be the management?
 - b) A 67 years old female patient presented with complaints of fever, headache, and vomiting for the past 1 week, photophobia & altered sensorium for the past 3 days. On examination the patient was conscious, Pulse: 110 beats/min, Blood pressure: 100/70 mmHg & temperature 100.6 °F. CNS examination: neck stiffness +, Brudzinski's and Kernig's signs of the neck and legs are also present. Laboratory investigations revealed Opening CSF pressure is elevated to 400 mm H₂O. The CSF appearance is turbid showing presence of protein. The white blood cell count is elevated to 3400 cells/mm³. MRI scan has noted minimal diffuse leptomeningial enhancement.
 - i) Based on the above scenario what is your diagnosis?
- 2) Answer the following questions within 300 words. (10X6 =60)
- a) Non-pharmacological management of heart failure
 - b) Classification of hypertension
 - c) Stepwise approach to treatment of hypertension
 - d) Age associated changes
 - e) How do you assess an elderly patient with depression?
 - f) Management of dementia