

**IGNOU**

**PG Certificate in Medical  
Management of CBRNE Disasters  
(PGCMDM)**

**ASSIGNMENTS  
JAN-2023**

*School of Health Sciences*  
**Indira Gandhi National Open University  
Maidan Garhi, New Delhi-110 068  
2023**

Dear Student,

There is one assignment or MME 011, which is compulsory for the successful completion of the programme. Please note that the assignment carries a weightage of 30% marks towards the final evaluation in theory component and **submission of the assignments is a prerequisite** for appearing in theory term-end examination for respective papers. A minimum of 40% marks per assignment is required for successful completion of the Programme. The subject area of assignments and its last date of submission are mentioned below:

Last date of submission of assignment	Course code	Block	Max marks
31 <sup>st</sup> May 2023	MME 011	1,2,3,4	30

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

- Use only foolscap size paper for writing your responses. Only handwritten 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.**

**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. Do not copy the answers from the Blocks.

Answer assignment in 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 (answer sheets) to your Programme In-charge only**. You may keep a xerox copy of the answer sheets for future reference. If any problem regarding the writing and submission of the assignments please contact to:

*Prof. Ruchika Kuba*

*Programme Coordinator*

*PGCMDM*

*School of Health Sciences*

*IGNOU, Maidan Garhi*

*New Delhi-110068*

*Email: [chcwm@ignou.ac.in](mailto:chcwm@ignou.ac.in)*

MME 011: CBRNE Threats and Agents

Course Code: MME-011

Assignment Code: MME-011/AS-1

Maximum Marks: 30

Due Date 31<sup>st</sup> May 2023

Answer all the questions

Answer the following question within 200-250 words

Marks: 7

1. Enumerate five bacteria with BW potential. Discuss in detail pathology of any three of them

Answer the following questions within 150-200 words

Marks 3×5=15

1. What are the five pivotal activities of the Incidence Command Centre
2. What are Gamma rays and X rays? How are they different to each other and from visible light rays?
3. What are the pathological effects of lethal dose of Phosgene? Write 2-3 lines about its chemical nature

Answer the following question within 250-300 words

Marks: 8

4. A truck with liquid ammonia (ammonium hydroxide) has spilled. Describe step you will take leading to effective spill management