



Assignments of PGDPSM – January 2025

Dear Students,

You have to do one assignment for each course. After submission of all six assignments you may fill up the online Exam Form (available on www.ignou.ac.in) and appear in Term End Exams for all 6 courses.

Instructions for Formatting Your Assignments:

Before attempting the assignments, please read the following instructions carefully.

1. On top of the first page of each answer sheet, please write the details exactly in the following format:

	Enrolment No :
	Name :
	Address :
Course Code :
Course Title :
Study Centre :	Date :

PLEASE FOLLOW THE ABOVE FORMAT STRICTLY TO FACILITATE EVALUATION AND TO AVOID DELAY.

2. Use **A4-size or equivalent writing paper** of good quality (but not of very thin variety) for writing your answers.
3. Leave 3 cm margin on the left, top and bottom of your answer sheet.
4. **Your answers should be precise, handwritten.** They should **not be copied from the text material as it is** and rather should be written in your own language.
5. Answers in the form of photocopy or scanned from any source will **not be accepted**.
6. You may also see the videos related to all courses at the following link: <http://www.ignou.ac.in/ignou/aboutignou/broadcast/1> You may go to youtube archives and search the video by typing in the desired keyword followed by 'ignousovet' i.e., 'Pharmaceutical Chemistry by ignousovet' will open a video on the said topic.
7. It is strongly suggested that you should retain a copy (Scanned or photocopy) of your assignments to avoid any unforeseen situation.
8. **The assignments should be submitted at your Regional Centre or Study Centre allotted to you before the last date mentioned in each assignment. In case of any issue with the Regional centre then submit them at the following address:**

(Programme - PGDPSM Assignments)

To,

Regional Director
IGNOU Regional Centre (Chandigarh)
Plot No. 5, Sector 12 (Part I)
Urban Estate, Karnal 132001 (Haryana)

Other Details of RC Chandigarh:

Phone: 0184-2989777

Google Map Link: goo.gl/maps/sCZZ8dPYoAvwK3b38

Email : rcchandigarh@ignou.ac.in

Website: <http://rcchandigarh.ignou.ac.in>

Facebook: <https://www.facebook.com/RCCHD>

Instagram: <https://www.instagram.com/06chandigarh/>

Post Graduate Diploma in Pharmaceutical Sales Management
Assignment - I
Tutor Marked Assignment
Course MVE 001: Introduction to Anatomy, Physiology and Pharmaceutical Chemistry

Course Code: MVE 001
Assignment Code: MEV 001/TMA /2025
Maximum Marks: 100
Last Date: 30th August 2025

Answer all the questions given below.

1. (a) What are the main features of a muscle tissue? Differentiate between skeletal, smooth and cardiac muscle tissues. (5)
(b) Describe with the help of a well labeled diagram the structure of a cell membrane. (5)
2. (a) Differentiate between systolic and diastolic blood pressure. (5)
(b) Describe any two disorders of the respiratory system. (5)
3. (a) Describe the role of Liver and Pancreas in the process of Digestion. (5)
(b) Write a short note on the anterior pituitary gland and its hormones. (5)
4. (a) List the three main layers of the human eye and explain the physiology of vision. (5)
(b) Draw the structure of a Kidney and explain the role of a Nephron. (5)
5. (a) Describe the process of acute Inflammation. (5)
(b) Differentiate between the terms hypoglycaemia and hyperglycaemia. (5)
6. a) What are topical agents? Discuss briefly their categories. (5)
b) Describe briefly any 5 major physiological ions. (5)
7. a) What do you understand by SAR? How is it important? (5)
b) Write short note on Neoplasm. (5)
8. a) Give common uses and possible side effects of the following herbs: -
(i) Garlic (ii) Ginger (iii) Licorice (iv) Ginkgo (v) Ginseng. (7)
b) What is herbal-drug interaction? Give example. (3)
9. What do you understand by 'Adulteration of Drugs'? Briefly discuss types of deliberate adulteration. (10)
10. (a) What do you understand by the terms GLP, GMP and GCP? Explain briefly. (6)
(b) Describe briefly two Quality control tests for Parenteral dosage forms. (4)

Assignment - II
Tutor Marked Assignment
Course Code MVE 002: Pharmacology and Toxicology

Course Code: MVE 002
Assignment Code: MEV 002/TMA /2025
Maximum Marks: 100
Last Date: 30th August 2025

Answer all the questions given below.

- Q.1 Briefly describe the various Sources and Routes of Drug Administration. (10)
- Q.2 What do you understand by cholinergic and anti-cholinergic agents? How do they work? Discuss the common drugs used as cholinergic agents. (10)
- Q.3 a) List the various drugs used in arrhythmia and discuss their therapeutic uses. (5)
b) Define and classify Anaemia giving its cause. (5)
- Q.4 a) Describe the chemical use of potassium sparing diuretics and osmotic diuretics. (5)
b) What are autacoids? List the important autacoids. Briefly discuss action of any two autacoids. (5)
- Q.5 Describe the mechanism and action of the drugs used in the treatment of cough. (10)
- Q.6 Define and give examples of Preanaesthetic medications. Differentiate between Inhalation and Intravenous anaesthetics, give examples. (10)
- Q.7 a) What are Quinolones? Describe some important quinolones with their therapeutic uses. (5)
b) Briefly describe antifungal agents. (5)
- Q.8 a) Discuss the sign and symptoms of methyl alcohol poisoning? What is the treatment for this poisoning? (5)
b) Explain the mechanism of drug antagonism and synergism with examples. (5)
- Q.9 a) What is the role of Pituitary gland in the body? (5)
b) What are micronutrients? Discuss their therapeutic role. (5)
- Q.10 Write short notes on the following: (10)
a) Laxatives
b) Antidiarrhoeal agents