

[KV 824]

SEPTEMBER 2009

Sub. Code: 3824

DOCTOR OF PHARMACY (PHARM. D / POST BACCALAUREATE)

DEGREE EXAMINATION

(Regulations 2008-2009)

(Candidates admitted from 2008-2009 onwards)

FOURTH YEAR

PAPER VI – CLINICAL TOXICOLOGY

Q.P. Code: 383824

Time: Three Hours

Maximum: 70 marks

Answer ALL questions

I. Elaborate on:

(2 x 20 = 40)

1. What are the symptoms, signs , mechanism of action, diagnosis and treatment of organo phosphorus compound poisoning?
2. a) Write the signs and symptoms and treatment of opioid dependence.
b) Add a brief note on plant poisonings.

II. Write notes on:

(6 x 5 = 30)

1. Write a brief note on universal antidote.
2. What are the signs and symptoms in a patient which arouse suspicion of poisoning?
3. Enumerate the contraindications of gastric lavage.
4. Write the clinical manifestations and management of chronic poisoning of mercury.
5. Write the early manifestations, complications and management of snake bite injuries.
6. Write a brief note on toxicokinetics.

[KX 824]

SEPTEMBER 2010

Sub. Code: 3824

DOCTOR OF PHARMACY (PHARM. D / POST BACCALAUREATE)

DEGREE EXAMINATION

(Regulations 2008-2009)

(Candidates admitted from 2008-2009 onwards)

FOURTH YEAR

PAPER VI – CLINICAL TOXICOLOGY

Q.P. Code: 383824

Time: Three Hours

Maximum: 70 marks

Answer ALL questions

I. Elaborate on:

(2 x 20 = 40)

1. Describe the Clinical effects of Venom, general management as first aid, early manifestations and complications of snake bite injuries.
2. Explain in detail the Clinical symptoms and management of acute poisoning with Paracetamol and Salicylates and ethanol.

II. Write notes on:

(6 x 5 = 30)

1. Toxicokinetics.
2. Lead poisoning and its treatment.
3. Acute Barbiturate poisoning and its treatment.
4. Mushrooms poisoning and its treatment.
5. Signs, symptoms and treatment of opioid dependence.
6. Stings bites and their treatment.

DOCTOR OF PHARMACY (PHARM. D / POST BACCALAUREATE)**DEGREE EXAMINATION****FOURTH YEAR****PAPER VI – CLINICAL TOXICOLOGY***Q.P. Code: 383824***Time: Three Hours****Maximum: 100 marks****Answer ALL questions in the same order.****I. Elaborate on :**

Pages (Max.)	Time (Max.)	Marks (Max.)
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- | | | | |
|---|----|---------|----|
| 1. What are the symptoms, signs, mechanism of action, diagnosis and treatment of organophosphorus compound poisoning? | 17 | 40 min. | 20 |
| 2. Explain in detail about the general principles involved in the management of poisoning. | 17 | 40 min. | 20 |

II. Write notes on :

- | | | | |
|---|---|---------|---|
| 1. Enumerate the clinical symptoms and management of chronic poisoning with iron. | 4 | 10 min. | 6 |
| 2. Explain in detail about the management of acute poisoning with ethanol and methanol. | 4 | 10 min. | 6 |
| 3. Explain the management of opioid poisoning. | 4 | 10 min. | 6 |
| 4. Explain the general treatment of bites and stings. | 4 | 10 min. | 6 |
| 5. What are the preventive measures and treatment involved in acids and alkali Poisoning? | 4 | 10 min. | 6 |
| 6. Explain in detail carbamate poisoning. | 4 | 10 min. | 6 |
| 7. Write a note on supportive care in clinical toxicology. | 4 | 10 min. | 6 |
| 8. Write the efficacy, indications, contraindications and complications involved in gastric lavage. | 4 | 10 min. | 6 |
| 9. State the symptoms and treatment involved in petroleum products poisoning. | 4 | 10 min. | 6 |
| 10. What are the clinical effects of snake venoms and write its management? | 4 | 10 min. | 6 |

DOCTOR OF PHARMACY (PHARM. D / POST BACCALAUREATE)**DEGREE EXAMINATION****FOURTH YEAR****PAPER VI – CLINICAL TOXICOLOGY***Q.P. Code: 383824***Time: Three Hours****Maximum: 100 marks****Answer ALL questions in the same order.****I. Elaborate on :**

Pages (Max.)	Time (Max.)	Marks (Max.)
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- | | | | |
|--|----|---------|----|
| 1. Explain in detail the clinical symptoms and management of chronic poisoning with lead and mercury. | 17 | 40 min. | 20 |
| 2. Define food poisoning.
Enumerate the signs and symptoms of food poisoning.
Add a note on its causes, diagnosis and treatment. | 17 | 40 min. | 20 |

II. Write notes on :

- | | | | |
|--|---|---------|---|
| 1. Enumerate the indications of gastric lavage. | 4 | 10 min. | 6 |
| 2. Enumerate the different types of antidotes used in poisoning and mention their clinical applications. | 4 | 10 min. | 6 |
| 3. Mention the signs of alkali poisoning and its treatment. | 4 | 10 min. | 6 |
| 4. Petroleum products poisoning and its treatment. | 4 | 10 min. | 6 |
| 5. Write the diagnosis and management of acute poisoning with pyrethroids. | 4 | 10 min. | 6 |
| 6. Clinical features of acute methanol poisoning and its treatment. | 4 | 10 min. | 6 |
| 7. Arthropod bites and its treatment. | 4 | 10 min. | 6 |
| 8. Discuss the signs and symptoms of amphetamine abuse and its treatment. | 4 | 10 min. | 6 |
| 9. List down the signs and symptoms to detect poisoning cases with examples. | 4 | 10 min. | 6 |
| 10. Opiate overdose and its treatment. | 4 | 10 min. | 6 |

[LC 824]

APRIL 2013

Sub. Code: 3824

DOCTOR OF PHARMACY (PHARM. D / POST BACCALAUREATE)

DEGREE EXAMINATION

FOURTH YEAR

PAPER VI – CLINICAL TOXICOLOGY

Q.P. Code: 383824

Time: Three Hours

Maximum: 100 marks

Answer All questions

I. Elaborate on:

(2 x 20 = 40)

1. Gut decontamination.
2. Signs and symptoms of substance abuse and treatment of dependence of opioids.

II. Write notes on:

(10 x 6 = 60)

1. Clinical symptoms and management of acute poisoning with Non steroidal anti inflammatory drugs.
2. List down the signs and symptoms of substance abuse and treatment of dependence of cannabis group.
3. Chronic poisoning with copper.
4. Substance abuse of amphetamine.
5. Carbamates – its clinical symptoms and management of acute poison.
6. Management of acute poisoning of methanol.
7. How will you eliminate the poison from the body?
8. Chronic poisoning of iron and its symptoms.
9. Pesticides.
10. Families of venomous snakes and their management.

[LD 824]

OCTOBER 2013

Sub. Code: 3824

DOCTOR OF PHARMACY (PHARM. D / POST BACCALAUREATE)

DEGREE EXAMINATION

FOURTH YEAR

PAPER VI – CLINICAL TOXICOLOGY

Q.P. Code: 383824

Time: Three Hours

Maximum: 70 marks

Answer All questions

I. Elaborate on:

(2 x 20 = 40)

1. Discuss in detail the signs and symptoms of hallucinogens abuse and its treatment.
2. Explain the clinical signs, symptoms, mechanism of action, diagnosis and treatment of acute poisoning with paracetamol and salicylates.

II. Write notes on:

(10 x 3 = 30)

1. What are hydrocarbons?
Write the clinical symptoms and management of poisoning with petroleum.
2. List down the symptoms of cannabis abuse and its treatment.
3. Write a note on the general principles in the management of heavy metals poisoning.
4. Toxicokinetics.
5. Brief down the methods of elimination enhancement.
6. Tobacco abuse and treatment of its dependence.
7. Write the specific antidote used for ethanol, diazepam and paracetamol poisoning and also mention its dose employed.
8. Explain the clinical effects of venoms.
9. Write the management of acute poisoning with non steroidal anti-inflammatory drugs.
10. Mention the clinical symptoms and specific antidote for pyrethroids poisoning.

[LE 824]

APRIL 2014

Sub. Code: 3824

DOCTOR OF PHARMACY (PHARM. D / POST BACCALAUREATE)

DEGREE EXAMINATION

FOURTH YEAR

PAPER VI – CLINICAL TOXICOLOGY

Q.P. Code: 383824

Time: Three Hours

Maximum: 70 marks

Answer All questions

I. Elaborate on:

(2 x 20 = 40)

1. Explain in detail the signs, symptoms and treatment of opioids and Tobacco dependence.
2. Discuss various heavy metal poisoning emphasizing the clinical symptoms and its management.

II. Write notes on:

(10 x 3 = 30)

1. Complications and management of food poisoning.
2. Clinical symptoms and management of Mycotoxins.
3. Pesticide poisoning.
4. Clinical symptoms and management of acute poisoning with paracetamol.
5. Write the clinical manifestations of venomous snake.
6. Clinical symptoms and management of radiations poisoning.
7. Gut decontamination.
8. Mechanism of action and uses of Disulfiram.
9. Uses of light kaolin and charcoal.
10. Supportive care in clinical toxicology.

DOCTOR OF PHARMACY (PHARM. D / POST BACCALAUREATE)

DEGREE EXAMINATION

(2009-2010 Regulation)

FOURTH YEAR

PAPER VI – CLINICAL TOXICOLOGY

Q.P. Code: 383824

Time: Three Hours

Maximum: 70 marks

Answer All questions

I. Elaborate on:

(4 x 10 = 40)

1. Discuss the clinical symptoms and management of acute poisoning with opioid and salicylate.
2. Discuss various general measures in the management of poisoning relevant to clinical toxicology.
3. Discuss the Symptoms and treatment of organophosphorus compounds and LSD toxicity.
4. Discuss various methods and importance of gut decontamination and elimination enhancement in the treatment of poisoning.

II. Write notes on:

(6 x 5 = 30)

1. Clinical symptoms and management in acute poisoning with radiation.
2. Discuss the envenomation in arthropod poisoning.
3. Describe the mechanism and uses of EDTA in clinical toxicology.
4. Define the term antidote. List out with specific uses.
5. Write the clinical symptoms and chronic poisoning with copper.
6. Clinical symptoms and management of methanol poisoning.

[LG 824]

APRIL 2015

Sub. Code: 3824

DOCTOR OF PHARMACY (PHARM. D / POST BACCALAUREATE)

DEGREE EXAMINATION

(2009-2010 Regulation)

FOURTH YEAR

PAPER VI – CLINICAL TOXICOLOGY

Q.P. Code: 383824

Time: Three Hours

Maximum: 70 marks

Answer All questions

I. Elaborate on:

(4 x 10 = 40)

1. Explain in detail the sign, and symptoms of dependence of cannabis group.
2. Explain in details about the clinical symptoms, management of chronic poisoning with lead and mercury.
3. Give brief note on plant poisoning.
4. List the common caustics and corrosives in toxicological practice.
Mention the signs and treatment of inorganic acids and alkali poisoning.

II. Write notes on:

(6 x 5 = 30)

1. Write a brief note on universal antidote.
2. Discuss pesticide contamination of food.
3. Brief notes on multi dose activated charcoal in elimination enhancement.
4. Arthropod bites and its treatment.
5. Write briefly on toxicokinetics.
6. What are the Circumstantial evidence and conditions of suspicion of Poisoning?

[LH 824]

OCTOBER 2015

Sub. Code: 3824

**PHARM. 'D' AND PHARM. 'D' (POST BACCALAUREATE)
DEGREE EXAMINATION**

(2009-2010 Regulation)

FOURTH YEAR

PAPER VI – CLINICAL TOXICOLOGY

Q.P. Code : 383824

Time: Three Hours

Maximum: 70 marks

Answer ALL questions

I. Elaborate on :

(4 x 10 = 40)

1. List out various heavy metals. Discuss the clinical symptoms and the management of arsenic poisoning.
2. Give example for benzodiazepines. Discuss the toxicity of benzodiazepines and its treatment.
3. Discuss the causes for food poisoning. Write the symptoms and management of food poisoning.
4. Explain in detail the signs, symptoms and treatment of alcohol poisoning.

II. Write notes on :

(6 x 5 = 30)

1. Write notes on Toxicokinetics.
2. Signs and symptoms of substance abuse and treatment of dependence of Tobacco.
3. What are the general management in snake bite?
4. Write notes on Universal antidote.
5. Discuss the Clinical symptoms and management of acute poisoning with paracetamol.
6. Describe the Clinical symptoms and management of plant poisoning.

[LI 824]

APRIL 2016

Sub. Code: 3824

**PHARM. 'D' AND PHARM. 'D' (POST BACCALAUREATE)
DEGREE EXAMINATION
(2009-2010 Regulation)
FOURTH YEAR
PAPER VI – CLINICAL TOXICOLOGY**

Q.P. Code : 383824

Time : Three hours

Maximum : 70 Marks

I. Elaborate on :

(4 x 10 = 40)

1. Explain about the general principle involved in the treatment of Poisoning.
2. Write in detail the clinical symptoms and management of Chronic Poisoning with Iron and Copper.
3. Explain in detail the signs, symptoms and treatment of Opioid and LSD dependence.
4. Write clinical signs, symptoms, diagnosis and treatment of Acute Poisoning with non steroidal anti inflammatory drugs.

II. Write notes on :

(6 x 5 = 30)

1. Explain the Clinical effect of Venoms.
2. Brief down the methods of elimination enhancement.
3. Write the specific antidotes used and mention dose employed in Ethanol, diazepam, Iron, Carbamates and Antidepressants.
4. Mention the Clinical symptoms and specific antidotes for Pyrethroids poisoning.
5. Stings bites and their treatment.
6. Write note on supportive care in Clinical Toxicology.

[LJ 824]

OCTOBER 2016

Sub. Code: 3824

**PHARM. 'D' AND PHARM. 'D' (POST BACCALAUREATE)
DEGREE EXAMINATION
(2009-2010 Regulation)
FOURTH YEAR
PAPER VI – CLINICAL TOXICOLOGY**

Q.P. Code : 383824

Time : Three hours

Maximum : 70 Marks

I. Elaborate on:

(4 x 10 = 40)

1. Discuss various methods and importance of Gut decontamination and elimination enhancement in the treatment of poisoning.
2. Give example of Organophosphorous compounds. Discuss the toxicity of Organophosphorous and its treatment.
3. Explain in detail about clinical symptoms and management of chronic poisoning with copper and Iron.
4. Discuss in detail about the signs and symptoms of Hallucinogen abuse and its treatment.

II. Write notes on:

(6 x 5 = 30)

1. Write briefly on various radiation poisoning and its management.
2. Write the clinical symptoms, complications and management of antidepressant overdose.
3. Acute barbiturates poisoning and its treatment.
4. Mushroom poisoning and its treatment.
5. Explain the Management of opioid poisoning.
6. State the symptoms and treatment involved in petroleum products poisoning.

[LK 824]

MAY 2017

Sub. Code: 3824

**PHARM. 'D' AND PHARM. 'D' (POST BACCALAUREATE)
DEGREE EXAMINATION
(2009-2010 Regulation)
FOURTH YEAR
PAPER VI – CLINICAL TOXICOLOGY**

Q.P. Code : 383824

Time : Three hours

Maximum : 70 Marks

I. Elaborate on:

(4 x 10 = 40)

1. Describe in detail on mechanism, clinical effects and management of carbamate poisoning.
2. Explain in detail the clinical signs and symptoms and treatment of acute organo phosphorus poisoning.
3. Enumerate the signs, symptoms and management of radiation poisoning.
4. Discuss in detail the methods of elimination enhancement.

II. Write notes on:

(6 x 5 = 30)

1. Short note on Iron poisoning.
2. Write a note on acute barbiturate poisoning and its management.
3. Explain the treatment of morphine dependence.
4. Discuss in a brief the various antidotes with its clinical application.
5. Write a note on gut decontamination.
6. Enumerate the clinical features of snake bites and first aid measures.

[LL 824]

OCTOBER 2017

Sub. Code: 3824

**PHARM. D/POST BACCALAUREATE DEGREE EXAMINATION
(2009-2010 Regulation)
FOURTH YEAR
PAPER VI – CLINICAL TOXICOLOGY**

Q.P. Code : 383824

Time : Three hours

Maximum : 70 marks

I. Elaborate on:

(4 x 10 = 40)

1. Explain in detail on the symptoms and management of Anti-depressant acute poisoning.
2. Explain the signs and symptoms of Morphine abuse. Write a note on treatment of its dependence.
3. Write in detail the general principles involved in the management of poisoning.
4. Discuss various heavy metal poisoning emphasizing the clinical symptoms and its management.

II. Write notes on:

(6 x 5 = 30)

1. What is radiation poisoning? Write a note on its clinical effects.
2. Write a note on management and treatment of barbiturate poisoning.
3. Describe the signs and symptoms of acute organo-phosphorus poisoning.
4. Enumerate the clinical features of arthropod bites and treatment of anaphylaxis.
5. Explain various methods of elimination enhancement in poisoning.
6. Explain the role of antidotes and its clinical applications.

THE TAMIL NADU DR. M.G.R. MEDICAL UNIVERSITY

[LM 824]

MAY 2018

Sub. Code: 3824

**PHARM. 'D' AND PHARM. 'D' (POST BACCALAUREATE)
DEGREE EXAMINATION
(2009-2010 Regulation)
FOURTH YEAR
PAPER VI – CLINICAL TOXICOLOGY**

Q.P. Code : 383824

Time : Three hours

Maximum : 70 Marks

I. Elaborate on:

(4 x 10 = 40)

1. Describe in detail the signs, symptoms and management of alcohol poisoning.
2. Explain briefly the clinical symptoms, management of chronic poisoning with lead and mercury.
3. Discuss in detail the clinical symptoms and treatment of acute poisoning with salicylate.
4. What are the symptoms, signs, mechanism of action, diagnosis and treatment of organo phosphorus compound poisoning?

II. Write notes on:

(6 x 5 = 30)

1. Write the signs and symptoms of substance abuse and treatment of dependence of tobacco.
2. Write a brief note on universal antidote.
3. Discuss the envenomation in arthropod poisoning.
4. Clinical symptoms and management of radiations poisoning.
5. Opiate overdose and its treatment.
6. Write a note on supportive care in clinical toxicology.

THE TAMIL NADU DR. M.G.R. MEDICAL UNIVERSITY

[LN 824]

OCTOBER 2018

Sub. Code: 3824

**PHARM. 'D' AND PHARM. 'D' (POST BACCALAUREATE)
DEGREE EXAMINATION
(2009-2010 Regulation)
FOURTH YEAR
PAPER VI – CLINICAL TOXICOLOGY**

Q.P. Code : 383824

Time : Three hours

Maximum : 70 Marks

I. Elaborate on:

(4 x 10 = 40)

1. List the common caustics and corrosives in toxicological practice. Mention the signs and treatment of inorganic acids and alkali poisoning.
2. Give example for Benzodiazepines. Discuss the toxicity of benzodiazepines and its treatment.
3. Describe the general management, early manifestations and complications of snake bite injuries.
4. Explain briefly the signs, symptoms and management on plant poisoning.

II. Write notes on:

(6 x 5 = 30)

1. Write a brief note on toxicokinetics.
2. Acute Barbiturate poisoning and its treatment.
3. Explain in detail carbamate poisoning.
4. Petroleum products poisoning and its treatment.
5. Substance abuse of amphetamine.
6. Describe the mechanism and uses of EDTA in clinical toxicology.

THE TAMIL NADU DR. M.G.R. MEDICAL UNIVERSITY

[LO 824]

MAY 2019

Sub. Code: 3824

**PHARM. 'D' AND PHARM. 'D' (POST BACCALAUREATE)
DEGREE EXAMINATION
(2009-2010 Regulation)
FOURTH YEAR
PAPER VI – CLINICAL TOXICOLOGY**

Q.P. Code : 383824

Time : Three hours

Maximum : 70 Marks

I. Elaborate on:

(4 x 10 = 40)

1. Describe the signs and symptoms, diagnosis and treatment of food poisoning.
2. Explain in detail about the clinical symptoms and management of chronic poisoning with mercury.
3. Discuss various general measures in the management of poisoning relevant to clinical toxicology.
4. Discuss the toxic manifestations of benzodiazepine poisoning and explain its management.

II. Write notes on:

(6 x 5 = 30)

1. Brief notes on use of multidose activated charcoal in the elimination enhancement.
2. Describe the mechanism and uses of EDTA in clinical toxicology.
3. Explain the management of substance abuse of amphetamine.
4. What are the signs and symptoms of chronic poisoning with iron and its management?
5. Discuss the clinical symptoms and management in acute poisoning with paracetamol.
6. Discuss the management of envenomation with arthropod bites.

THE TAMIL NADU DR. M.G.R. MEDICAL UNIVERSITY

[LP 824]

OCTOBER 2019

Sub. Code: 3824

**PHARM. 'D' AND PHARM. 'D' (POST BACCALAUREATE)
DEGREE EXAMINATION
(2009-2010 Regulation)
FOURTH YEAR
PAPER VI – CLINICAL TOXICOLOGY**

Q.P. Code : 383824

Time : Three hours

Maximum : 70 Marks

I. Elaborate on:

(4 x 10 = 40)

1. Discuss the clinical symptoms and management of acute poisoning with opioid and salicylate.
2. Discuss the sign and symptoms of hallucinogens abuse and its treatment.
3. Explain about gut decontamination.
4. Explain in detail about clinical symptoms and management of lead poisoning.

II. Write notes on:

(6 x 5 = 30)

1. Enumerate gastric lavage.
2. Mention the signs of alkali poisoning and its treatment.
3. Anthrapod bite and its treatment.
4. Write a note on management of snake venoms.
5. Write a note on supportive care in clinical toxicology.
6. Explain in detail about carbamate poisoning.

THE TAMIL NADU DR. M.G.R. MEDICAL UNIVERSITY

[PHARMD 0321]

MARCH 2021

Sub. Code: 3824

(OCTOBER 2020 EXAM SESSION)

PHARM 'D' AND PHARM. 'D' (POST BACCALAUREATE) DEGREE EXAMINATION

FOURTH YEAR

PAPER VI – CLINICAL TOXICOLOGY

Q.P. Code : 383824

Time : Three hours

Maximum : 70 Marks

I. Elaborate on:

(4 x 10 = 40)

1. Explain about Organo phosphorus poisoning.
2. Elaborate on Elimination enhancement.
3. Explain clinical effects and management of snake bite.
4. Elaborate on Opiates overdose.

II. Write notes on:

(6 x 5 = 30)

1. Symptoms and management of alcohol poisoning.
2. Explain Alkali poisoning.
3. Explain Lead poisoning.
4. Management of Barbiturates poisoning.
5. Signs and symptoms of Amphetamine abuse.
6. Management of Petroleum products poisoning.

THE TAMIL NADU DR. M.G.R. MEDICAL UNIVERSITY

[PHARMD 0122]

**JANUARY 2022
(OCTOBER 2021 EXAM SESSION)**

Sub. Code: 3824

**PHARM 'D' AND PHARM. 'D' (POST BACCALAUREATE) DEGREE EXAMINATION
FOURTH YEAR
PAPER VI – CLINICAL TOXICOLOGY
*Q.P. Code : 383824***

Time : Three hours

Answer ALL Questions

Maximum : 70 Marks

I. Elaborate on:

(4 x 10 = 40)

1. Explain about Gut Decontamination.
2. Elaborate on Antidepressants Acute Poisoning.
3. Write in detail about the types of Snake bites, complications and its treatment.
4. Elaborate on Food poisoning.

II. Write notes on:

(6 x 5 = 30)

1. Scorpion bite poisoning and its management.
2. Explain Copper poisoning.
3. Explain Acid poisoning.
4. Explain about Radiation Poisoning.
5. Elaborate on Paracetamol poisoning.
6. Explain about Methanol poisoning.

THE TAMIL NADU DR. M.G.R. MEDICAL UNIVERSITY

[PHARMD 0522]

MAY 2022

Sub. Code: 3824

(APRIL 2022 EXAM SESSION)

PHARM 'D' AND PHARM. 'D' (POST BACCALAUREATE) DEGREE EXAMINATION

FOURTH YEAR

PAPER VI – CLINICAL TOXICOLOGY

Q.P. Code : 383824

Time : Three hours

Maximum : 70 Marks

I. Elaborate on:

(4 x 10 = 40)

1. Explain about Radiation poisoning.
2. General Principles involved in poison management and treatment.
3. Explain clinical effects and management of Antidepressants poisoning.
4. Elaborate on Toxicokinetics.

II. Write notes on:

(6 x 5 = 30)

1. Symptoms and management of Mercury Poisoning.
2. Complications of Snake Bite.
3. Explain Mushrooms Poisoning.
4. Management of Benzodiazepines Poisoning.
5. Clinical effects of Cannabis.
6. Management of Polyethylene glycol products poisoning.

THE TAMIL NADU DR. M.G.R. MEDICAL UNIVERSITY

[PHARMD 1122]

**NOVEMBER 2022
(OCTOBER 2022 EXAM SESSION)**

Sub. Code: 3824

**PHARM 'D' AND PHARM. 'D' (POST BACCALAUREATE) DEGREE
EXAMINATION
FOURTH YEAR
PAPER VI – CLINICAL TOXICOLOGY
*Q.P. Code : 383824***

Time : Three hours

Maximum : 70 Marks

I. Elaborate on:

(4 x 10 = 40)

1. Describe the significance of supportive care in clinical toxicology.
2. Explain the various stages, signs, symptoms and management for acute radiation poisoning.
3. Describe the clinical symptoms and management of snake bite poisoning and its treatment.
4. Explain in detail about toxicokinetics and clinical features and treatment of Barbiturates poisoning.

II. Write notes on:

(6 x 5 = 30)

1. Gut decontamination.
2. Signs, symptoms and management of acute overdose of opiates.
3. Stages, signs, symptoms and management of acute poisoning with paracetamol.
4. Signs, symptoms and management of acute poisoning with ingestion of iron.
5. Signs, symptoms and management of food poisoning due to plants / food adulterants.
6. Treatment of substance abuse and dependence with cannabinoids.

THE TAMIL NADU DR. M.G.R. MEDICAL UNIVERSITY

[PHARM D 0423]

APRIL 2023

Sub. Code: 3824

**PHARM 'D' AND PHARM. 'D' (POST BACCALAUREATE) DEGREE
EXAMINATION
FOURTH YEAR
PAPER VI – CLINICAL TOXICOLOGY**

Q.P. Code: 383824

Time : Three hours

Answer ALL Questions

Maximum : 70 Marks

I. Elaborate on:

(4 x 10 = 40)

1. Describe the various principles involved in classical toxicokinetics.
2. Discuss in detail about the evaluation, diagnosis and stabilization of poisoned patient.
3. Explain the signs, symptoms and management of various arthropod bites and stings.
4. Describe the signs and symptoms of substance abuse and treatment of dependence with lysergic acid diethylamide.

II. Write notes on:

(6 x 5 = 30)

1. Elimination enhancement.
2. Signs, symptoms and management of acute poisoning with ingestion of pyrethroids.
3. Signs, symptoms and management of acute poisoning with ingestion of inorganic alkali.
4. Signs, symptoms and management of acute poisoning with hydrocarbons.
5. Signs, symptoms and management of food poisoning due to various virus.
6. Treatment of substance abuse and dependence with opioids.
