

September 2009

[KV 824]

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. Essay Questions :

(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 Short Notes :

(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.

September 2010

[KX 824]

Sub. Code: 3824

DOCTOR OF PHARMACY (PHARM. D / POST BACCALAUREATE)

DEGREE EXAMINATION

(Regulations 2008 - 2009)

(Candidates admitted from 2009-2010 onwards)

FOURTH YEAR

Paper VI – CLINICAL TOXICOLOGY

Q.P. Code : 383824

Time : Three hours

Maximum : 70 marks

Answer All questions

I. Essay Questions :

(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 Short Notes :

(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.

October 2011

[KZ 824]

Sub. Code: 3824

DOCTOR OF PHARMACY (PHARM. D / POST BACCALAUREATE)

DEGREE EXAMINATION

FOURTH YEAR

PAPER VI – CLINICAL TOXICOLOGY

Q.P. Code : 383824

**Time : 3 hours
(180 Min)**

Maximum : 100 marks

Answer ALL questions in the same order.

I. Elaborate on :

**Pages Time Marks
(Max.) (Max.) (Max.)**

- | | | | |
|---|----|---------|----|
| 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 |

[LB 824]

OCTOBER 2012

Sub. Code: 3824

PHARM. D / POST BACCALAUREATE DEGREE EXAMS

FOURTH YEAR

PAPER VI – CLINICAL TOXICOLOGY

Q.P. Code : 383824

**Time : 3 hours
(180 Min)**

Maximum : 100 marks

Answer ALL questions in the same order.

I. Elaborate on :

1. Explain in detail the clinical symptoms and management of chronic poisoning with lead and mercury.
2. Define food poisoning. Enumerate the signs and symptoms of food poisoning. Add a note on its causes, diagnosis and treatment.

**Pages Time Marks
(Max.) (Max.) (Max.)**

17 40 20

17 40 20

II. Write notes on :

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

4 10 6

4 10 6

4 10 6

4 10 6.

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4 10 6

[LC 824]

APRIL 2013

Sub. Code: 3824

PHARM. D / POST BACCALAUREATE DEGREE EXAMS

FOURTH YEAR

PAPER VI – CLINICAL TOXICOLOGY

Q.P. Code : 383824

Time : 3 hours

Maximum : 100 marks

I. Elaborate on :

(2x20=40)

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

II. Write notes on :

(10x6=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

PHARM.D / POST BACCALAUREATE DEGREE EXAMINATIONS

FOURTH YEAR

PAPER VI – CLINICAL TOXICOLOGY

Q.P. Code : 383824

Time: Three Hours

Maximum: 70 marks

Answer ALL questions in the same order

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

**PHARM. D/POST BACCALAUREATE DEGREE EXAMS
FOURTH YEAR
PAPER VI – CLINICAL TOXICOLOGY**

Q.P. Code : 383824

Time : 3 hours

Maximum : 70 marks

I. Elaborate on :

(2x20=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 :

(10x3=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.

[LF 824]

OCTOBER 2014

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. 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.
