

**APRIL - 2001**

**[KD 536]**

**M.D. (Siddha) DEGREE EXAMINATION.**

**(Old/New Regulations)**

**Second Year**

**Branch VI – Nanju Noolum and Maruthuva**

**Neethi Noolum**

**Paper II — STUDY OF TOXIC PLANTS, MINERALS,  
METALS AND ANIMAL POISONS**

**Time : Three hours**

**Maximum : 100 marks**

**Answer ALL questions.**

- 1 Write an essay on : (2 × 18 = 36)
    - (a) Organic irritant poisons of animal origin.
    - (b) Deliriant poisons of plant origin.
  - 2 Write briefly on : (2 × 12 = 24)
    - (a) Hydrocyanic acid.
    - (b) Chloroform – Trichloromethane (CHCl<sub>3</sub>).
  - 3 Write short notes on : (5 × 8 = 40)
    - (a) Aflatoxin.
    - (b) Alcoholic Black outs and their pathology.
    - (c) Signs and symptoms of opium poisoning.
    - (d) Carbon monoxide poisoning.
    - (e) Litharge poisoning.
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**NOVEMBER - 2001**

**[KE 536]**

**M.D. (Siddha) DEGREE EXAMINATION.**

**(Old/New Regulations)**

**Second Year**

**Branch VI — Nanju Noolum and Maruthuva Neethi  
Noolum**

**Paper II — STUDY OF TOXIC, PLANTS, MINERALS  
METALS AND ANIMAL POISONS**

**Time : Three hours**

**Maximum : 100 marks**

**Answer ALL questions**

- 1 Write an essay on (2 × 18 = 36)
  - (a) Cardiac poisons of plant origin
  - (b) Spinal poisons
- 2 Write briefly on (2 × 12 = 24)
  - (a) Wood Naphtha & its toxic effects.
  - (b) Mercury and its compound producing toxic action

- 3 Write short notes on : (5 × 8 = 40)
  - (a) Subtle child abuse
  - (b) Verdigris poisoning
  - (c) Botulism
  - (d) Peripheral nerve poisons
  - (e) Calabar Bean.

**MARCH - 2002**

**[KG 536]**

**M.D. (Siddha) DEGREE EXAMINATION**

**(Old/New Regulations)**

**Second Year**

**Branch VI — Nanju Noolum and Maruthuva  
Neethi Noolum**

**Paper II — STUDY OF TOXIC PLANTS, MINERAL,  
METALS AND ANIMAL POISONS**

**Time : Three hours**

**Maximum : 100 marks**

**Answer ALL questions.**

**1. Write an essay on (2 × 18 = 36)**

- (a) Investigation of Drug Abuse Deaths.
- (b) Common organic irritant poisons of plant origin.

**2 Write briefly on : (2 × 12 = 24)**

- (a) Antipsychotic agents
- (b) C.N.S. stimulants.

**3 Write short notes on : (5 × 8 = 40)**

- (a) Cantharides
- (b) Body packer and body stuffer syndromes
- (c) Chromatography
- (d) Pieric acid  $C_6H_2(NO_2)_3OH$
- (e) Nutmeg

SEPTEMBER - 2002

[KH 536]

M.D. (SIDHA) DEGREE EXAMINATION

(Revised Regulation)

Second Year

Branch VI — Nanju Noolum and Maruthuva  
Neethi Noolum

Paper I — STUDY OF TOXIC PLANTS, MINERALS,  
METALS AND ANIMAL POISONS

Time Three hours Maximum : 100 marks

Answer ALL questions.

1 Write an essay on : (2 × 18 = 36)

(a) Treatment of Poisoning

(b) Non-metallic compound Poisons

2 Write briefly on (2 × 12 = 24)

(a) Arsenical Compound Poisoning

(b) Prussic Acid Poisoning

3. Write short notes on (5 × 8 = 40)

(a) Woorara

(b) Holy fire

(c) Eserine ( $C_{15}H_{21}N_3O_2$ )

(d) Brucine ( $C_{23}H_{25}O_4N_2$ )

(e) B-(N) Oxalyl Amino - L - Alanine (BOAA).

APRIL - 2003

[KI 536]

Sub. Code : 2162

M.D. (SIDDHA) DEGREE EXAMINATION.

(Revised Regulations)

Second Year

Branch VI — Nanju Noolom and Maruthuva Neethi  
Noolum

Paper I — STUDY OF TOXIC PLANTS, MINERALS,  
METALS AND ANIMAL POISONS

Time : Three hours

Maximum : 100 marks

Answer ALL questions.

1. Write an essay on : (2 × 18 = 36)
  - (a) Agricultural poisons.
  - (b) Organic irritant poisons of animal origin.
2. Write briefly on : (2 × 12 = 24)
  - (a) Veronal Poisoning.
  - (b) Saturnism.

3. Write short notes on : (5 × 8 = 40)

- (a) Poisonous Fungi.
  - (b) Lobeline Poisoning.
  - (c) Mustard gas.
  - (d) Aflatoxins.
  - (e) The Narcotic Drugs and Psychotropic Substances Act (1985).
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OCTOBER - 2003

[KJ 536]

Sub. Code : 2162

M.D. (SIDDHA) DEGREE EXAMINATION.

(Revised Regulations)

Second Year

Branch VI — Nanju Noolum and Maruthuva Neethi  
Noolum

Paper I — STUDY OF TOXIC PLANTS, MINERALS,  
METALS AND ANIMAL POISONS

Time : Three hours

Maximum : 100 marks

Answer ALL questions.

1. Write an essay on : (2 × 18 = 36)
  - (a) Poisons and factors modifying their actions
  - (b) Encountering deaths in drug abuse.
2. Write briefly on : (2 × 12 = 24)
  - (a) Irrespirable noxious poisons
  - (b) C.W.S. depressant drugs.

3. Write short notes on : (5 × 8 = 40)

- (a) Endotoxins of vegetable origin
  - (b) Mustard gas
  - (c) Oil of winter green
  - (d) Eserine ( $C_{15}H_{21}N_3O_2$ )
  - (e) Hypnotic drugs.
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APRIL - 2004

[KK 536]

Sub. Code : 2162

SECTION B

M.D. (SIDDHA) DEGREE EXAMINATION.

(Revised Regulations)

Second Year

Branch VI — Nanju Noolum and Maruthuva Neethi  
Noolum

Paper I — STUDY OF TOXIC PLANTS, MINERALS,  
METALS AND ANIMAL POISONS

Time : Three hours

Maximum : 100 marks

Sec. A & B : Two hours and  
forty minutes

Sec. A & B : 80 marks

M.C.Q. : Twenty minutes

M.C.Q. : 20 marks

Answer ALL questions.

SECTION A

Long Essay :

(2 × 15 = 30)

1. Mention the poisons affecting the enzyme system of the body. Describe the post-mortem appearance in any one of them.

2. Describe the effect of Heavy metals on human body. Discuss the investigation in any one of it.

Short notes :

(10 × 5 = 50)

3. Toxalbumin.
  4. Poisonous Fungus.
  5. Xanthoproteic reaction.
  6. MC Ewans Sign.
  7. Carphologia.
  8. NUX Vomica.
  9. Universal Antidote.
  10. Narcotics and Psychotropic Act 1985.
  11. VITRIOLAGE.
  12. Metal Fume Fever.
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**AUGUST - 2004**

**[KL 536]**

**Sub. Code : 2162**

**SECTION B**

**M.D. (SIDDHA) DEGREE EXAMINATION.**

**(Revised Regulations)**

**Second Year**

**Branch VI — Nanju Noolum and Maruthuva Neethi  
Noolum**

**Paper I — STUDY OF TOXIC PLANTS, MINERALS,  
METALS AND ANIMAL POISONS**

**Time : Three hours**

**Maximum : 100 marks**

**Sec. A & B : Two hours and  
forty minutes**

**Sec. A & B : 80 marks**

**M.C.Q. : Twenty minutes**

**M.C.Q. : 20 marks**

**Answer ALL questions.**

**SECTION A**

**Write an essay on :**

**(2 × 15 = 30)**

1. Classification, signs, symptoms and treatment of ophidia poisoning.
2. Poisons producing pupillary changes.

**Write short notes on :**

**(10 × 5 = 50)**

3. Treatment of toxic coma
4. Enzyme inhibiting poisons.
5. Mushrooms
6. Centepede
7. Mickey finn
8. Parasuicide
9. Curare.
10. Aflatoxins.
11. Poisonous fungi.
12. The Narcotic Drugs and Psychotropic Substances Act (1985).



**FEBRUARY - 2005**

**[KM 536]**

**Sub. Code : 2162**

**M.D. (SIDDHA) DEGREE EXAMINATION.**

**(Revised Regulations)**

**Second Year**

**Branch VI — Nanju Noolum and Maruthuva Neethi  
Noolum**

**Paper I — STUDY OF TOXIC PLANTS, MINERALS,  
METALS AND ANIMAL POISONS**

**Time : Three hours**

**Maximum : 100 marks**

**Sec. A & B : Two hours and  
forty minutes**

**Sec. A & B : 80 marks**

**M.C.Q. : Twenty minutes**

**M.C.Q. : 20 marks**

**Answer ALL questions.**

**SECTION A — (2 × 15 = 30 marks)**

**Write an essay on :**

- 1. Discuss the Pm appearance in a suspected case of acute alcoholism. Mention the differential diagnosis for the same.**
- 2. Mention the Poisons affecting the bone. How will you evaluate the type of poison by laboratory means?**

**SECTION B — (10 × 5 = 50 marks)**

**Write briefly :**

- 3. Surgical spirit.**
- 4. Therapeutic poisons.**
- 5. Types of Antidote.**
- 6. Indian pharmacy Act.**
- 7. Components of snake venom.**
- 8. Poisoning by Hormones.**
- 9. Poisons affecting Haemoglobin.**
- 10. Peyote.**
- 11. Examination of a drug addict in mortuary (dead).**
- 12.  $C_6H_5NO_2$ .**

**AUGUST - 2005**

**[KN 536]**

**Sub. Code : 2162**

**M.D. (SIDDHA) DEGREE EXAMINATION.**

**(Revised Regulations)**

**Second Year**

**Branch VI — Nanju Noolum and Maruthuva Neethi  
Noolum**

**Paper I — STUDY OF TOXIC PLANTS, MINERALS,  
METALS AND ANIMAL POISONS**

**Time : Three hours**

**Maximum : 100 marks**

**Theory : Two hours and  
forty minutes**

**Theory : 80 marks**

**M.C.Q. : Twenty minutes**

**M.C.Q. : 20 marks**

**Answer ALL questions.**

**I. Long Essay : (2 × 15 = 30)**

**1. Discuss Ophethoxemia.**

**2. Write a model for examination of an Alcoholic.  
Mention the importance of examination of blood and  
urine in the above case.**

**II. Write briefly :**

**(10 × 5 = 50)**

**1.  $C_{10}H_{16}O$  – Camphor.**

**2. "Sui".**

**3. Lathyrism.**

**4. Importance of examination of stomach in  
poisoning.**

**5. Differential diagnosis of Arsenic poisoning.**

**6. Liver changes in Phosphorous poisoning.**

**7. Vitriolage.**

**8. Universal Antidote.**

**9. Few analytical techniques in toxicology.**

**10. Mycotoxins.**

**FEBRUARY - 2006**

**[KO 536]**

**Sub. Code : 2162**

**M.D. (SIDDHA) DEGREE EXAMINATION.**

**(Revised Regulations)**

**Second Year**

**Branch VI — Nanju Noolum and Maruthuva Neethi  
Noolum**

**Paper I — STUDY OF TOXIC PLANTS, MINERALS,  
METALS AND ANIMAL POISONS**

**Time : Three hours                      Maximum : 100 marks**

**Theory : Two hours and                      Theory : 80 marks  
forty minutes**

**M.C.Q. : Twenty minutes                      M.C.Q. : 20 marks**

**Answer ALL questions.**

**I. Long Essay :                      (2 × 15 = 30)**

**(1) Discuss the role of casualty medical officer  
in attending a suspected case of poisoning. Mention the  
importance of maintenance of documentary evidences  
in relation to the above situation.**

**(2) Name the vegetable poisons in your state.  
Mention the postmortem appearances in any one. Write  
a proforma to send viscera for toxicological analysis.**

**II. Write Briefly :                      (10 × 5 = 50)**

- (1) Mescal buttons.**
  - (2) Importance of examination of stomach in  
postmortem in suspected poison.**
  - (3) Asphyxiants.**
  - (4) Micky fun.**
  - (5) Differential diagnosis of opium poisoning.**
  - (6) Ptomaines.**
  - (7) Gloriosa superba.**
  - (8) Blue vitriol.**
  - (9) Phossy jaw.**
  - (10) Mushrooms.**
-

**AUGUST - 2006**

**[KP 536]**

**Sub. Code : 2162**

**M.D. (SIDDHA) DEGREE EXAMINATION.**

**(Revised Regulations)**

**Second Year**

**Branch VI — Nanju Noolum and Maruthuva Neethi  
Noolum**

**Paper I — STUDY OF TOXIC PLANTS, MINERALS,  
METALS AND ANIMAL POISONS**

**Time : Three hours**

**Maximum : 100 marks**

**Theory : Two hours and  
forty minutes**

**Theory : 80 marks**

**M.C.Q. : Twenty minutes**

**M.C.Q. : 20 marks**

**Answer ALL questions.**

**I. Long Essay :**

**1. (a) Treatment of cyanide poisoning.**

**(b) Differences between strychnine poisoning  
and tetanus. (10 + 10 = 20)**

**2. (a) Classify the Poisons.**

**(b) How will you diagnose a case of poisoning?**

**(c) Discuss the duties of a Doctor in a case of  
poisoning and add a detailed note on the general line of  
management of an acute poisoning case. (15)**

**3. (a) What are the signs, symptoms and treatment  
of cobra and viper snake bite poisoning?**

**(b) How will you differentiate between poisonous  
and non-poisonous snakes?**

**(c) What are the post-mortem findings in a case  
of snake bite death? (15)**

**II. Short notes : (6 × 5 = 30)**

**1. Chelating agents.**

**2. The Pharmacy Act – 1948.**

**3. Carboloria.**

**4. Plumbism.**

**5. Abortion Stick.**

**6. Delirium Tremens.**

MARCH - 2007

**[KQ 536]**

**Sub. Code : 2162**

**M.D. (SIDDHA) DEGREE EXAMINATION.**

**(Revised Regulations)**

**Second Year**

**Branch VI — Nanju Noolum and Maruthuva Neethi  
Noolum**

**Paper I — STUDY OF TOXIC PLANTS, MINERALS,  
METALS AND ANIMAL POISONS**

**Time : Three hours**

**Maximum : 100 marks**

**Theory : Two hours and  
forty minutes**

**Theory : 80 marks**

**M.C.Q. : Twenty minutes**

**M.C.Q. : 20 marks**

**Answer ALL questions.**

**I. Long Essay :**

**(1 × 20 = 20)**

**1. Name the industrial Poisons. Describe the diagnostic aids in any poison in a living. Add a note on the visceral finding in a dead.**

**II. Long Essay :**

**(2 × 15 = 30)**

- 1. Mention the names of Poisonous snakes. Briefly mention the first aid procedures in a snake bite. Add a note on the composition of Cobra venom.**
- 2. Name the household poisons. Describe the postmortem appearance in a case of Phenolic Poison**

**III. Short notes :**

**(6 × 5 = 30)**

- 1. Stomach wash and its principles**
- 2. Liver changes in Chronic Alcoholism.**
- 3. Names of drugs of Addiction.**
- 4. Amyl Nitrite.**
- 5. SUI.**
- 6. PEYOTE.**

[KS 536]

Sub. Code : 2162

M.D. (SIDDHA) DEGREE EXAMINATION.

(Revised Regulations)

Second Year

Branch VI — Nanju Noolum and Maruthuva Neethi  
Noolum

Paper I — STUDY OF TOXIC PLANTS, MINERALS,  
METALS AND ANIMAL POISONS

Q.P. Code : 322162

Time : Three hours

Maximum : 100 marks

Answer ALL questions.

I. Long Essay : (2 × 20 = 40)

1. What are the precautions to avoid toxicity before using siddha raw materials in pharmacy?

மருந்து செய் நிலையத்தில் சித்த மருத்துவப் பொருள்கள் நஞ்சு நிலை ஏற்படாமல் இருக்க மருத்துவர் மேற்கொள்ள வேண்டிய முறைகள் யாவை?

2. Write briefly about accidental poisoning in children caused by both a mineral and a plant. What are the emergency steps to be taken?

குழந்தைகளிடம் ஏற்படும் தற்செயல் நஞ்சுக்கு சித்தமருத்துவ தாது, தாவர பொருள் வகைக்கு ஒன்றினை தெளிவுபடுத்துக? அந்நிலையில் மருத்துவர் மேற்கொள்ள வேண்டிய அவசர மருத்துவ உதவிகளைக் குறிப்பிடுக.

II. Write short notes : (10 × 6 = 60)

1. Drug Abuse.
2. Arrow poison.
3. Vitriol throwing.
4. Hydrocyanic acid.
5. Digitalis purpose.
6. Powdered Glass piece.
7. Copper Sulphate.
8. Botulism.
9. Cannabis sativa.
10. Nicotiana tobaccum.

[KT 536]

Sub. Code : 2162

M.D. (SIDDHA) DEGREE EXAMINATION.

(Revised Regulations)

Second Year

Branch VI — Nanju Noolum and Maruthuva Neethi  
Noolum

Paper I — STUDY OF TOXIC PLANTS, MINERALS,  
METALS AND ANIMAL POISONS

Q.P. Code : 322162

Time : Three hours

Maximum : 100 marks

Answer ALL questions.

I. Long Essay : (2 × 20 = 40)

1. Define Toxic and Toxicity. How they are classified?

நஞ்சு, நஞ்சு நிலை என்றால் என்ன? மருந்திற்கும் நஞ்சிற்கும் உள்ள தொடர்பை விவரி.

2. Define chronic and acute toxicity. Explain with suitable examples from each of a mineral, plant and Gas.

நாள்பட்ட, தீவிர நஞ்சு நிலை என்றால் என்ன? முற்குறிப்பிட்ட நிலைக்கு தாது, தாவர, வாயு நஞ்சு வகைக்கு ஒரு எடுத்துக்காட்டுடன் விளக்குக.

II. Short notes :

(10 × 6 = 60)

1. Argemone Mexicana.
2. White Vitriol.
3. Chelating Agents.
4. Treatment of Cyanide poisoning.
5. Treatment of snake bite poisoning.
6. Food Poisoning and management.
7. Tox Albumen.
8. Plumbism.
9. Carboluria.
10. Drunkenness.

March - 2009

**[KU 536]**

**Sub. Code : 2162**

**M.D. (SIDDHA) DEGREE EXAMINATION.**

**(Revised Regulations)**

**Second Year**

**Branch VI — Nanju Noolum and Maruthuva Neethi  
Noolum**

**Paper I — STUDY OF TOXIC PLANTS, MINERALS,  
METALS AND ANIMAL POISONS**

**Q.P. Code : 322162**

**Time : Three hours**

**Maximum : 100 marks**

**Answer ALL questions.**

**I. Long Essay : (2 × 20 = 40)**

**1. How will you classify the poisons and explain  
General treatment of poisons.**

எவ்வாறு நஞ்சு வகைப்படுத்தப்படுகிறது மற்றும் பொது  
நஞ்சு மருத்துவம் பற்றி விவரி.



2. Define Neurotic poisons explain with two examples.

நரம்பு மண்டல நஞ்சு பற்றி கூறி இரண்டு உதாரணத்துடன் விளக்குக.

II. Short notes : (10 × 6 = 60)

1. Law relating poisons.

நஞ்சு தொடர்பான சட்டம்

2. Types of Antidote.

நஞ்சு முறிவு வகைகள்.

3. Which poison prolonged decomposed dead body?

பிண அழுகலை நீடிக்க வைக்கும் நஞ்சு

4. Insecticides poisons.

பூச்சிக்கொல்லி நஞ்சு

5. Scorpion venom.

தேள் நஞ்சு

6. Encephalopathy.

என்செபலோபதி

7. Phossy Jaw

போஸை தாடை

8. Arrow poison

அம்பு நஞ்சு

9. Powdered Glass.

கண்ணாடித் தூள்

10. Gaseous poisons.

வாயு நஞ்சுகள்.

March 2010

[KW 536]

Sub. Code : 2162

M.D. (SIDDHA) DEGREE EXAMINATION.

(Revised Regulations)

Second Year

Branch VI — Nanju Noolum and Maruthuva Neethi  
Noolum

Paper I — STUDY OF TOXIC PLANTS, MINERALS,  
METALS AND ANIMAL POISONS

Q. P. Code : 322162

Time : Three hours

Maximum : 100 marks

Answer ALL questions.

- I. Long Essay : (2 × 20 = 40)
1. What is inorganic non-metallic irritant poison? Describe signs and symptoms, autopsy findings, medico-legal importance.
  2. Describe clinical manifestations of alcohol poisoning, post-mortem appearances.
- II. Write short notes on : (10 × 6 = 60)
1. Contra indications for gastric lavage.
  2. Diwali poison.

3. Rain drop pigmentation.
4. Virdigris.
5. Drug addiction.
6. Iodism.
7. Withdrawal symptoms.
8. Knock-out agents.
9. Lachrymators.
10. Laws of poisons in India.

September 2010

[KX 536]

Sub. Code : 2162

M.D. (SIDDHA) DEGREE EXAMINATION.

(Revised Regulations)

Second Year

Branch VI — Nanju Noolum and Maruthuva Neethi  
Noolum

Paper I — STUDY OF TOXIC PLANTS, MINERALS,  
METALS AND ANIMAL POISONS

Q.P. Code : 322162

Time : Three hours

Maximum : 100 marks

Answer ALL questions.

- I. Long Essay : (2 × 20 = 40)
1. Describe the legal and Medical duties of a doctor in a case of suspected Poisoning. Explain the method of decontamination of an ingested poison.
  2. Classify Organo - Phosphorous Poisons. Discuss the clinical signs, symptoms, Treatment and Post mortem appearances in a case of organo - phosphorous insecticide poisoning.

II. Short notes : (10 × 6 = 60)

1. Chelating Agents.
2. Vitriolage.
3. Carboluria.
4. Plumbism.
5. Tox albumin.
6. Treatment of cyanide Poisoning.
7. Treatment of Snake Bite.
8. Drunkenness.
9. Differences between strychnine Poisoning and Tetanus.
10. Food Poisoning and management.

October 2011

[KZ 536]

Sub. Code : 2162

M.D. (SIDDHA) DEGREE EXAMINATION.

SECOND YEAR

Branch VI — Nanju Noolum and Maruthuva Neethi Noolum

Paper I — STUDY OF TOXIC PLANTS, MINERALS, METALS  
AND ANIMALPOISONS

Q.P. Code : 322162

Time : Three hours  
(180 Min)

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 is Food Poisoning? Define Signs and Symptoms, Post-Mortem Appearances.

உணவில் ஏற்படும் நச்சுத்தன்மை, அதனால் ஏற்படும் குறிகுணங்கள், பிணக்கூறு ஆய்வுத் தோற்றம் - விவரிக்கவும்.

11 35 min. 20

2. What are Corrosive Poisons? Explain the Signs and Symptoms, Postr-Mortem Appearances and Medico Legal aspects of Sulphuric Acid Poisoning?

அரிக்கும் தன்மையுடைய நஞ்சுகள் யாவை? கந்தக அமிலத்தின் நஞ்சு குறிகுணங்கள், பிணக்கூறு ஆய்வுத் தோற்றம், சட்ட மருத்துவ முக்கியத்துவம் - விவரிக்கவும்.

11 35 min. 20

II. Write notes on :

1. Cocaine Bugs.

கொகையின் பக்ஸ்.

4 10 min. 6

2. Blue Vitriol.

நீலத்துத்தம்.

4 10 min. 6

3. Factors Influencing the action of Poison.

நஞ்சின் தன்மையை விரைவுபடுத்தும் காரணிகள்.

4 10 min. 6

4. Classifications of Poisons.

நஞ்சின் வகைகள்.

4 10 min. 6

(PTO)

	<b>Pages (Max.)</b>	<b>Time (Max.)</b>	<b>Marks (Max.)</b>
5. Cause of Death in Snake-Bite. பாம்புக் கடியில் மரணத்திற்கு காரணம்.	4	10 min.	6
6. Medico-Legal importance of Chlorine. குளோரின்-சட்ட மருத்துவ முக்கியத்துவம்.	4	10 min.	6
7. Post-Mortem appearances in Formaldehyde Poisoning. பார்மால்டிஹைடு நஞ்சினால் காணப்படும் பிணக்கூறு ஆய்வுத் தோற்றம்?	4	10 min.	6
8. Write about Abrin. அப்ரின் பற்றி எழுதுக.	4	10 min.	6
9. Write about Virdigris. வெர்டிகிரீஸ் பற்றி எழுதுக.	4	10 min.	6
10. Medico-legal importance of Croton Tiglium. நேர்வாளம் - சட்ட மருத்துவ முக்கியத்துவம்.	4	10 min.	6

October 2011

[KZ 536]

Sub. Code : 2162

M.D. (SIDDHA) DEGREE EXAMINATION.

SECOND YEAR

Branch VI — Nanju Noolum and Maruthuva Neethi Noolum

Paper I — STUDY OF TOXIC PLANTS, MINERALS, METALS  
AND ANIMALPOISONS

Q.P. Code : 322162

Time : Three hours  
(180 Min)

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 is Food Poisoning? Define Signs and Symptoms, Post-Mortem Appearances.

உணவில் ஏற்படும் நச்சுத்தன்மை, அதனால் ஏற்படும் குறிகுணங்கள், பிணக்கூறு ஆய்வுத் தோற்றம் - விவரிக்கவும்.

11 35 min. 20

2. What are Corrosive Poisons? Explain the Signs and Symptoms, Postr-Mortem Appearances and Medico Legal aspects of Sulphuric Acid Poisoning?

அரிக்கும் தன்மையுடைய நஞ்சுகள் யாவை? கந்தக அமிலத்தின் நஞ்சு குறிகுணங்கள், பிணக்கூறு ஆய்வுத் தோற்றம், சட்ட மருத்துவ முக்கியத்துவம் - விவரிக்கவும்.

11 35 min. 20

II. Write notes on :

1. Cocaine Bugs.

கொகையின் பக்ஸ்.

4 10 min. 6

2. Blue Vitriol.

நீலத்துத்தம்.

4 10 min. 6

3. Factors Influencing the action of Poison.

நஞ்சின் தன்மையை விரைவுபடுத்தும் காரணிகள்.

4 10 min. 6

4. Classifications of Poisons.

நஞ்சின் வகைகள்.

4 10 min. 6

(PTO)

	<b>Pages (Max.)</b>	<b>Time (Max.)</b>	<b>Marks (Max.)</b>
5. Cause of Death in Snake-Bite. பாம்புக் கடியில் மரணத்திற்கு காரணம்.	4	10 min.	6
6. Medico-Legal importance of Chlorine. குளோரின்-சட்ட மருத்துவ முக்கியத்துவம்.	4	10 min.	6
7. Post-Mortem appearances in Formaldehyde Poisoning. பார்மால்டிஹைடு நஞ்சினால் காணப்படும் பிணக்கூறு ஆய்வுத் தோற்றம்?	4	10 min.	6
8. Write about Abrin. அப்ரின் பற்றி எழுதுக.	4	10 min.	6
9. Write about Virdigris. வெர்டிகிரீஸ் பற்றி எழுதுக.	4	10 min.	6
10. Medico-legal importance of Croton Tiglium. நேர்வாளம் - சட்ட மருத்துவ முக்கியத்துவம்.	4	10 min.	6

April 2012

[LA 536]

Sub. Code : 2162

M.D. (SIDDHA) DEGREE EXAMINATION.

Second Year

Branch VI — Nanju Noolum Maruthuva Neethi Noolum

Paper I — STUDY OF TOXIC PLANTS, MINERALS, METALS AND ANIMAL  
POISONS

Q.P. Code : 322162

Time : Three hours (180 minutes)

Maximum : 100 marks

Answer ALL questions in the same order.

I. Elaborate on :	Pages	Time	Marks
1. Explain details about Nephrotoxic poisons.	(Max.)	(Max.)	(Max.)
	11	35 min.	20

சிறுநீரகத்தை பாதிக்கும் நஞ்சுகளை விவரி.

2. Explain about irritant plant poison in detail :	11	35 min.	20
(a) Toxic part			
(b) Signs and Symptoms			
(c) Postmortem Appearance and Medico legal Importance			
(d) Fatal dose and Fatal period.			

உறுத்தலை உண்டாக்கும் தாவர நஞ்சுகளையும், நஞ்சு பாகம், குறிகுணங்கள், பிணக்கூறு ஆய்வுகள், சட்ட மருத்துவ முக்கியத்துவம், உயிரிழப்பு காலம், உயிரை போக்கும் அளவு ஆகியவற்றை விவரி.

II. Write notes on :			
1. Poisonous Food.	4	10 min.	6
நஞ்சு உணவு.			
2. Antidote.	4	10 min.	6
நஞ்சு முறிவு.			



- |     |  |   |         |   |
|-----|--|---|---------|---|
| 3.  | Calabar Bean.<br>கலாபார் பீன்.   | 4 | 10 min. | 6 |
| 4.  | Chronic lead Toxicity.<br>நாட்பட்ட காரிய நஞ்சு நிலை.   | 4 | 10 min. | 6 |
| 5.  | Muriatic acid.<br>முரியாட்டிக் அமிலம்.   | 4 | 10 min. | 6 |
| 6.  | Alcohol Withdrawal.<br>ஆல்ககால் வித்தராயல்.  | 4 | 10 min. | 6 |
| 7.  | Which Plant toxin is similar to viper venom?<br>எந்த தாவர நஞ்சு விரியன் பாம்பு நஞ்சுக்கு ஒப்பானது?   | 4 | 10 min. | 6 |
| 8.  | Snake Venom.<br>பாம்பு நஞ்சு.  | 4 | 10 min. | 6 |
| 9.  | What are the common drugs contra indicated in breast feeding and medico legal importance?<br>பாலூட்டும் காலத்தில் கொடுக்கக் கூடாத பொதுவான மருந்துகளும், சட்ட மருத்துவ முக்கியத்துவமும் என்ன? | 4 | 10 min. | 6 |
| 10. | War Gases.<br>பெரும் போர்களில் பயன்படுத்தும் வாயுக்கள்.  | 4 | 10 min. | 6 |
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**[LB 536]**

**Sub. Code : 2162**

**M.D. (SIDDHA) DEGREE EXAMINATION - OCTOBER 2012**

**Second Year**

**Branch VI — Nanju Noolum Maruthuva Neethi Noolum**

**Paper I — STUDY OF TOXIC PLANTS, MINERALS, METALS**

**AND ANIMAL POISONS**

**Q.P. Code : 322162**

**Time : 180 minutes**

**Maximum : 100 marks**

**Answer ALL questions in the same order.**

<b>I. Elaborate on :</b>	<b>Pages</b>	<b>Time</b>	<b>Marks</b>
1. Explain mercury & mercurial poisons, symptoms produced and treatment. பாதரசம் & பிற பாதரச நஞ்சுகள், அவற்றின் குறிகுணங்கள் மற்றும் மருத்துவம் பற்றி விவரி.	<b>(Max.) 11</b>	<b>(Max.) 35 min.</b>	<b>(Max.) 20</b>
2. Write elaborately about Drug dependence. மருந்து அடிமை பற்றி விரிவாக எழுதுக.	<b>11</b>	<b>35 min.</b>	<b>20</b>
<b>II. Write notes on :</b>			
1. Types of antidote. நஞ்சு முறிவு வகைகள்.	<b>4</b>	<b>10 min.</b>	<b>6</b>
2. Toxalbumin. டாக்ஸுஅல்பியுமின்.	<b>4</b>	<b>10 min.</b>	<b>6</b>
3. Encephalopathy. என்ஸெப்லோபதி.	<b>4</b>	<b>10 min.</b>	<b>6</b>
4. Strychnin poisons. ஸ்டிரைக்னைன் நஞ்சுகள்.	<b>4</b>	<b>10 min.</b>	<b>6</b>
5. Laws relating poisons.	<b>4</b>	<b>10 min.</b>	<b>6</b>

நஞ்சு தொடர்பான சட்டங்கள்.

6.	Blister Beetle. பிலிஸ்டர் பீட்டில்.	4	10 min.	6
7.	Nystagmus poisons. நிஸ்டாக்மஸ் நஞ்சுகள்.	4	10 min.	6
8.	Echis carinata. எக்கிஸ் காரினேட்டா.	4	10 min.	6
9.	Domestic poisons. டொமஸ்டிக் நஞ்சுகள்.	4	10 min.	6
10.	Sewer Gas. சீவர் கேஸ்.	4	10 min.	6

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**[LD 536]**

**SUB CODE: 2162**

**M.D. (SIDDHA) DEGREE EXAMINATION – OCTOBER 2013**

**SECOND YEAR**

**Branch VI- Nanju Noolum Maruthuva Neethi Noolum**

**Paper -1 – STUDY OF TOXIC PLANTS, MINERALS, METALS &  
ANIMAL POISONS**

**Q.P.Code : 322162**

**Time : 3 hours**

**Maximum: 100 marks**

**I. Long essay:**

**(2x20=40)**

1.           a. Diagnosis of poisoning.  
              b. Duties of a doctor in a case of Poisoning
2.           Write briefly about lead Poisoning.

**II. Short notes:**

**(10x6=60)**

1. Scorpion sting – signs and symptoms, treatment
2. Atlatxin
3. Universal Antidote
4. Vitriolage
5. Abortion stick
6. Treatment of snake bite poisoning.
7. Mycotoxicosis
8. Flash back phenomenon
9. Nature of poisoning
10. Body packer Body stuffer syndrome.

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**[LE 536]**

**SUB CODE: 2162**

**M.D. (SIDDHA) DEGREE EXAMINATION – APRIL 2014**

**SECOND YEAR**

**Branch VI- Nanju Noolum Maruthuva Neethi Noolum**

**Paper -1 – STUDY OF TOXIC PLANTS, MINERALS, METALS &  
ANIMAL POISONS**

***Q.P.Code : 322162***

**Time : 3 hours**

**Maximum: 100 marks**

**I. Long essay:**

**(2x20=40)**

1. Explain about Spinal poisons.
2. Explain about Treatment of Poisoning.

**II. Short notes:**

**(10x6=60)**

1. Explain Botulism.
2. Alcoholic blackouts and their pathology
3. Litharge poisoning.
4. Cantharides
5. Hydrargyrism.
6. Mustard gas
7. Metal fume fever.
8. Mickey finn
9. The narcotic drugs & psychotropic substance Act – (1985).
10. Importance of examination of stomach poisoning.

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**M.D. (SIDDHA) DEGREE EXAMINATION  
SECOND YEAR**

**BRANCH VI – NANJU NOOLUM MARUTHUVA NEETHI NOOLUM**

**PAPER I – STUDY OF TOXIC MATERIALS**

*Q.P. Code : 322162*

**Time: Three hours**

**Maximum : 100 Marks**

**I. Elaborate on:**

**(2 x 20 = 40)**

1. Give a brief account of Organic irritant poisons and explain about Cardiac poisons.
2. Describe in detail about the action, signs, symptoms, treatment, postmortem appearances and medico-legal importance of Corrosive poisoning.

**II. Short Notes:**

**(10 x 6 = 60)**

1. What are all the factors modifying the action of poisons.
2. What are all the characters of Lead poison?
3. Write about signs and symptoms of Organo phosphorus poison.
4. What are all the signs, symptoms and treatment of Carbon monoxide poison?
5. Give short notes about Ovulation inducing drug.
6. Explain Reinseh's test and Marsh's test.
7. What is the important medico-legal aspect of Indian Liquorice?
8. Give a short note about Anti-psychiatric agents.
9. Discuss about signs, symptoms and treatment of Food poison.
10. What is verdigris and add a note of its chronic poisoning and medico-legal aspects.

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**M.D. (SIDDHA) DEGREE EXAMINATION  
SECOND YEAR**

**BRANCH VI – NANJU NOOLUM MARUTHUVA NEETHI NOOLUM**

**PAPER I – STUDY OF TOXIC MATERIALS**

*Q.P. Code : 322162*

**Time: Three Hours**

**Maximum : 100 Marks**

**I. Elaborate on:**

**(2 x 20 = 40)**

1. Describe in detail the general principles of treatment of organic irritant animal poisons.
2. Explain in detail about the signs, symptoms and treatment of acute and chronic poisoning of mercury.

**II. Short Notes on:**

**(10 x 6 = 60)**

1. Give an example of cattle poison and explain about it.
2. What is plant penicillin? Give a short note on it.
3. Explain about vitriolage.
4. In which poisoning hypocalcemia occurs and explain it shortly.
5. Comment on Ptomines.
6. Give the main principles of treatment of venomous snakebite.
7. Describe the signs, symptoms and treatment of methyl alcohol poisoning.
8. Define below
  - a. Magnan's symptom.
  - b. Body packer syndrome.
9. Write about the signs, symptoms, fatal dose, fatal period and treatment of Cerbera Thevetia (yellow oleander).
10. Mention clinical features, treatment and medico-legal aspects of Lead poisoning.

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[LJ 2162]

OCTOBER 2016

Sub.Code : 2162

**M.D. (SIDDHA) DEGREE EXAMINATION**

**SECOND YEAR**

**BRANCH VI – NANJU NOOLUM MARUTHUVA NEETHI NOOLUM**

**PAPER I – STUDY OF TOXIC MATERIALS**

*Q.P. Code : 322162*

**Time: Three Hours**

**Maximum : 100 Marks**

**I. Elaborate on:**

**(2 x 20 = 40)**

1. Explain in detail about signs, symptoms, treatment, postmortem appearances and medico-legal importance of acute and chronic lead poisoning.
2. Describe in detail about Snake poisons.

**II. Short Notes:**

**(10 x 6 = 60)**

1. Give a note on Ergot poisoning.
2. Write about the signs and symptoms and Medico legal importance of Mercury.
3. Discuss the characteristics of Food poison.
4. Give a brief note of tobacco.
5. Describe the signs and symptoms and Medico legal importance of Marking nut poisoning.
6. Discuss the diagnosis and differential diagnosis of a case of Opium poisoning.
7. Which one is called as Road poison? Add a note about it.
8. Explain briefly: a) Mc Ewan sign.  
b) Run amok.
9. Explain the term War gases, classify them and briefly describe their actions.
10. Write a brief account of Paracetamol toxicity.

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**M.D. (SIDDHA) DEGREE EXAMINATION  
SECOND YEAR**

**BRANCH VI – NANJU NOOLUM MARUTHUVA NEETHI NOOLUM**

**PAPER I – STUDY OF TOXIC MATERIALS**

*Q.P. Code : 322162*

**Time: Three Hours**

**Maximum : 100 Marks**

**I. Elaborate on:**

**(2 x 20 = 40)**

1. Give a brief account of infection and toxin type of food poisoning.
2. Describe in detail about the action, signs, symptoms, treatment, postmortem appearances and medico-legal importance of Organophosphorous poisoning.

**II. Short Notes:**

**(10 x 6 = 60)**

1. What are all the factors modifying the action of poisons?
2. What are all the characters of ideal homicidal poison?
3. Write about signs and symptoms of acute and chronic poisoning of phenol.
4. What are all the signs, symptoms and treatment of laughing gas?
5. Give short notes about hormonal poisoning.
6. Explain Drug dependence.
7. What is the important medico-legal aspect of Indian Liquorice?
8. What type of poison is Calabar bean? Give a short note about it.
9. Discuss about signs, symptoms and treatment of Scorpion's sting.
10. Write short notes on Drugs in pregnancy.

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[LM 2162]

MAY 2018

Sub. Code: 2162

**M.D. (SIDDHA) DEGREE EXAMINATION  
SECOND YEAR**

**BRANCH VI – NANJU NOOLUM MARUTHUVA NEETHI NOOLUM  
PAPER I – STUDY OF TOXIC MATERIALS**

*Q.P. Code : 322162*

**Time: Three Hours**

**Maximum : 100 Marks**

**I. Elaborate on:**

**(2 x 20 = 40)**

1. Write detailed notes on organochlorines?
2. Describe in detail about diagnosis of poisons.

**II. Short Notes:**

**(10 x 6 = 60)**

1. What are the poisons that can be diagnosed from the reaction of the pupil?
2. Describe the toxicity and treatment of war gases.
3. Short Notes on :
  - a) Hydrargyrisms.
  - b) Post mortem Appearances of Aqua fortis.
4. What are the procedures of postmortem examination in case of poisoning?
5. What is drug dependence and explain the types of drug dependence?
6. Write the active principles and their action, signs and symptoms and circumstances of Road poison?
7. What are the properties, uses of carbolic acid and explain the clinical features, diagnosis and treatment of carbolic acid Poisoning?
8. What are the signs and symptoms, treatment, postmortem appearances and circumstances of Marking nut poisoning?
9. Short Notes on:
  - a) Methaemoglobinaemia.
  - b) Saturnism.
10. Short Notes on :
  - a) Forensic significance of capsicum Annum.
  - b) Management of Anti-Venom reaction.

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[LN 2162]

OCTOBER 2018

Sub. Code: 2162

**M.D. (SIDDHA) DEGREE EXAMINATION  
SECOND YEAR**

**BRANCH VI – NANJU NOOLUM MARUTHUVA NEETHI NOOLUM  
PAPER I – STUDY OF TOXIC MATERIALS**

*Q.P. Code : 322162*

**Time: Three Hours**

**Maximum : 100 Marks**

**I. Elaborate on:**

**(2 x 20 = 40)**

1. What is the mechanism of action of morphine? Explain the pharmacokinetics, clinical features and treatment of morphine poisoning?
2. Explain the toxicity, cause of death and treatment of Arsenic poisoning?

**II. Short Notes:**

**(10 x 6 = 60)**

1. What is an antidote? How will you classify it?
2. What are the poisons diagnosed by examining teeth and oral cavity?
3. Discuss the clinical features, treatment and autopsy findings in case of strychnine poisoning?
4. What are the constituents of snake venom and write its actions on human body?
5. What is the mechanism of action, Signs and symptoms and treatment of carbon monoxide poisoning?
6. What are effects of ethanol in the body?
7. Describe the signs and symptoms, treatment and circumstances of oleander poisoning.
8. Write the clinical features and treatment of Oil of vitriol?
9. Short Notes on :
  - a) Gas chromatography.
  - b) Lysergic acid diethylamide.
10. Short Notes on :
  - a) Toxic Principles and treatment of glory lily.
  - b) Abortifacients.

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