



INSTITUTE OF INDIGENOUS MEDICINE, UNIVERSITY OF COLOMBO
DEGREE OF BACHELOR OF AYURVEDA MEDICINE AND SURGERY
LEVEL IV FIRST SEMESTER EXAMINATION JULY-AUG 2022

DC 4102 AGADA TANTRA-I

Answer all questions.

Date: 22.08.2022

Time: 09.45 AM – 12.15 PM

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Structure essay

1.

1.1. "Gara samyogajan chanya....." Complete the stanza.

(02 Marks)

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1.2 Different Samhita mention Visha chikitsa in different names. Match the text in group A with a suitable name in group B. (02 Marks)

Group A

1. Kaitilya Arthashastra
2. Acharya Sushruta
3. Acharya Vagbhata
4. Acharya Charaka

Group B

1. Danstra Chikitsa
2. Jangalee Chikitsa
3. Vishagaravairodhika prashamana
4. Agada tantra

02.

2.1 Show the mode of action of corrosive acids using a flow diagram.

(02 Marks)

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2.2 List four (04) clinical features of chronic exposure to corrosive poisons.

(02 Marks)

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03. A reported case was a 27 years old woman working in a Laundry. Suddenly, she ingested some alkali salts in a suicidal attempt.

3.1 Write four (04) clinical features that can be seen in this patient.

(02 Marks)

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3.2 Show the mode of action of the above poisonous substance using a flow diagram.

(02 Marks)

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3.3 List three (03) complications that may present in this patient. (01.5 Marks)

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3.4 Briefly explain how to manage the above toxic condition. (02 Marks)

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3.5 Write down fatal dose of the above poisonous substance. (0.5 Marks)

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04.

4.1 List out four (04) "*Apartiva dravya*". (01 Mark)

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4.2 Chronic Fluorine poisoning is common among Sri Lankan children. Write your comment on this statement. (02 Marks)

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4.3 Name four (04) clinical features of acute fluorine poisoning. (02 Marks)

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4.4 List four (04) features of chronic fluorine poisoning.

(02 Marks)

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05.

5.1 Define Deliriant.

(01 Mark)

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5.2 Give two (02) examples which produce blood and mucus diarrhea.

(01 Mark)

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5.3 Give one (01) example from *Ugra visha* or *Nadi visha* for each of the following.

(1/4 x 8=2 Marks)

a. Constricted pupil	
b. Dilated pupil	
c. Nystagmus	
d. Intentional tremor	
e. Strawberry tongue	
f. Diplopia	
g. Excessive salivation	
h. Ataxic gait	

06. 48 Years old patient working at a battery manufacturing company for 10 years, come to the OPD and complain of abdominal pain, blood-stained stool, and anorexia, profuse sweating & photophobia. On clinical examination, it was revealed the ulceration of gum and a blue line at the junction of teeth.

6.1 What would be the differential diagnosis for the above clinical condition? (02 Marks)

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6.2 What type of investigation/s to be carried out to confirm the diagnosis? (01 Mark)

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6.3 Write the probable diagnosis of the above condition. (01 Mark)

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6.4 List four (04) target organs that can be affected above poisonous substances. (02 Marks)

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6.5 List four (04) behavioral neurological changes that can be seen in that patient. (02 Marks)

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6.6 List four (04) skin changes that can be seen in the chronic stage of the above patient. (02 Marks)

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6.7 How to manage the above condition.

(03 Marks)

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Essay

01. A previously healthy eight years old boy taken to the toxicology clinic due to ingested some seeds accidentally. He presented visual hallucination, slurred speech, confusion and disorientation. He was conscious and no history of epileptic disease. On examination tachycardia, hyperthermia, dilated pupil and tremors presented.

- 1.1 What is your diagnosis? (02 marks)
- 1.2. Describe mode of action with cardinal features due to ingestion of above poisonous seeds. (08 marks)
- 1.3. Briefly discuss management of the diagnosed case. (10 marks)

02. Write short notes on,

- 2.1 Prevention of Ugra visha plants poisoning. (04 marks)
- 2.2 First aid and treatments for Ugra visha plant poisoning. (08 marks)
- 2.3 Medicinal value of Opium. (04 marks)
- 2.4 Features of Opium Poisoning. (04 marks)

22.08.2022 *****