



INSTITUTE OF INDIGENOUS MEDICINE, UNIVERSITY OF COLOMBO, RAJAGIRIYA  
DEGREE OF BACHELOR OF AYURVEDA MEDICINE AND SURGERY  
LEVEL 11 – FIRST SEMESTER EXAMINATION – JANUARY- FEBRUARY 2020  
DV 2101 – DRAVYAGUNA VIGNANA-11

Date – 20.01.2020  
Time – 2 ½ hour  
(9.45 a.m. – 12.15 p.m.)

Index Number

Answer all questions.

**Part I - Structured Questions**

1)

1.1 Define Virechana action with shloka.

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.....

(1 Mark)

1.2 Mentioned the common Rasa, Guna and Veerya of Mala Virechana dravya according to Charaka Samhita.

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(1 Mark)

1.3. Name the 04 types of Virechana dravya according to its mode of action and give one example for each.

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.....

(1 Mark)

1.4 Briefly describe the above mentioned 04 types of Virechana dravya.

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2.....  
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3.....  
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4.....  
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(2 Marks)

1.5 What is Virechanopaga dravya

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.....

(1 Mark)

2)

2.1 Write the common name and the meaning of given synonym of the plant.

Synonym	Common name	Meaning of the synonym
a. Amlavruksha	.....	.....
b. Dantabeeja	.....	.....
c. Chavika	.....	.....
d. Krushna	.....	.....

(2 Marks)

2.2. Describe following drug actions (Karma) according to the Rasadi Pancha padartha of Dravya

a. Rochana

.....  
.....  
.....

b. Krimighna

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.....  
.....

(2 Marks)

2.3 Write the Guna Shloka of following plants.

Shunti

.....  
.....  
.....  
.....

Maricha

.....  
.....  
.....  
.....

(2 Marks)

3)

3.1 There are some drugs which are used to reduce Mukha Pichhilata.

(a) Which Anna Pachana Vyuh action is related with the above statement? Name 2 drugs which has this action.

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.....  
.....  
.....

(1 Mark)

(b) Write the botanical name and one synonym for the each of the above mentioned drugs

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.....  
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(1 Mark)

3.2 (a) What is the reason for Mukha Durgandathwa according to Ayurveda view?

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.....  
.....

(1 Mark)

(b) Name two drugs that have the action of Mukha Durgandathwa Nashana and write the botanical name of those two drugs

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(2 Marks)

(c) Write the Sanskrit name of the above mentioned two drugs and their used parts

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(2 Marks)

4)

4.1. Yakruth and Pleeha both associated with the actions of Anna PachanVyuha

(a) Write 4 actions of Yakruth mentioned under Anna PachanVyuha

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(2 Marks)

(b) Briefly explain the two of the actions which mentioned above

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(2 Marks)

(c) Write one drug for each above mentioned actions

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(2 Marks)

4.2. (a) Define the drug action of Purisha Viranjaneeya

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(1 Mark)

(b) Write four drugs included in Purisha Viranjaneeya dashakaya

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.....

(1 Mark)

5)

5.1. Write the names of medicinal plants for following paryayas (synonyms) with their actions.

Synonym	Name of Medicinal plant	Action
Drudaphala		
Naktha mala		
Puthiphala		

(03 Marks)



5.2. Write name of the medicinal plants that contain following chemical constituents.

Chemical constituent	Name of the medicinal plant
Nimbosterol	.....
Catechin	..... (1 Mark)

5.3. Mention two important morphological features that important to identification of following medicinal plants  
Raktha Chandana

.....  
.....  
.....  
.....  
(1 Mark)

Haridra

.....  
.....  
.....  
.....  
(1 Mark)

5.4. Write examples for given drug actions with their Sanskrit & Botanical names

- a. Swedajanana .....  
.....
- b. Snehopaga .....  
.....  
(1Mark)

6)

6.1. Briefly explain the actions of sanjnasthapana dravya according to their pharmacological properties

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.....

(2 marks)

6.2 List four (04) medicinal plants with their botanical names and used parts.

Name	Family	Botanical name	Used part
a.			
b.			
c.			
d.			

(2 marks)

6.3. Write a guna shloka of one of the above plants and describe its properties and actions

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(02 marks)



## Part II - Essay Questions

1) Sadhaka Pitta, PranaVayu, and UdanaVayu can lead to Kshinamati in patients of Kampavata (Parkinson's disease) and dementia generally occurs late in Parkinson's disease.

1.1 Based on above condition list possible 05 herbal drugs you select for manage the diseases (05 Marks)

1.2 Describe pharmacodynamic properties (Rasa, Guna, Viraya, Vipaka and Prabhava) according to Ayurveda concepts for above herbal drugs to manage the Kampavata condition (15 Marks)

2)

2.1. Explain the pharmacological action of Nidrajana dravya with their properties (Rasa, Guna, Viraya, Vipaka and Prabhava) and justify their action (10 marks)

2.2 Write a short description *Withania somnifera* including the below mentioned subtopics.

- Botanical name and plant family
- *Rasa panchaka*
- Chemical constituents
- Used part and prepared drugs
- Adulterants

(10 marks)

20.01.2020

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