



INSTITUTE OF INDIGENOUS MEDICINE, UNIVERSITY OF COLOMBO  
DEGREE OF BACHELOR OF AYURVEDA MEDICINE AND SURGERY  
LEVEL II SECOND SEMESTER SUPPLEMENTARY EXAMINATION  
JANUARY - FEBRUARY 2022  
DV 2201 - DRAVYAGUNA VIGNANA

Date: 21.01.2022  
Time: 01.45 PM – 04.15 PM

Index No

Answer all questions.

Part I - Structured Questions

1.

1.1 Define Balya action.

(1 Mark)

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1.2. Describe the actions of 2 categories of Balya Dravya.

(1 Mark)

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1.3 Define the Vrunhana action.

(1 Mark)

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1.4 Mention the Vrunhana Lakshana of a patient when using Vrunhana Drugs.

(1 Mark)

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1.5 Write 3 differences between the action of Balya Dravya and Vrunhana Dravya (2 Marks).

Balya Dravya	Vrunhana Dravya

2.

2.1. Define Rasayana Dravya with stanza (Shloka). (1 Marks)

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2.2. What is Vyadhikshamathva of a person? (1 Marks)

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2.3. Mention the relationship between Rasayana action and Vyadhikshamathva of a person. (1 Marks)

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2.4. Write 04 main benefits which we can obtain by using Rasayana Dravya. (2 Marks)

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2.5. Name 04 Rasayana dravya with their botanical names.

(2 Marks)

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3.

3.1. Write down the sanskrit name of following plants and their used parts.

(2 Marks)

a. *Gmelina arborea*: .....

b. *Phyllanthus emblica* .....

c. *Plumbago zeylanica*: .....

d. *Pongomia pinnata*: .....

3.2 Complete the following table.

(2 Marks)

Plant name	Synonym	Prepared drug
1. Amalaki		
2. Bala		
3. Haridra		
4. Bilva		

3.3. Write the Guna Shloka of following plants.

a. Shunti

(2 Marks)

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b. Vidanga

(2 Marks)

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3.4. Briefly define the Jwaraghna action.

(1 Marks)

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3.5 Give 4 examples for Jwaraghna Dravya.

(1 Marks)

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4. A 32 years lactation mother complained about lack of breast milk secretion.

4.1 To overcome above problem, which drug action could be most suitable for her?

(1 Mark)

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4.2 What are the mechanisms of action of the drugs for above mentioned action? (1 Mark)

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4.3 Name two medicinal plants for above action with their synonym.

(1 Mark)

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4.4 A 22 years old female complains of heavy bleeding during her menstruation.

4.4.1 Name 2 medicinal plants and write their botanical names which could be prescribed to her

(1 Mark)

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4.4.2 Briefly explain the action of above-mentioned drug.

(1 Mark)

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5.

5.1 Write two examples for primary plant metabolites in medicinal plants. (1 Mark)

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5.2 Write two examples for secondary plant metabolites in medicinal plants. (1 Mark)

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5.3 Mention two importance of secondary plant metabolites. (1 Mark)

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5.4 Write one characteristic feature of Alkaloids. (1 Mark)

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5.5. Explain why an epileptic patient should not stop his drug without physician's advice. (1 Mark)

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6.

6.1 Write two important characters for identification of the following medicinal plants. (3 Marks)

i) Wata

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ii) Knatakari

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iii) Thvak

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6.2 Fill the table with actions and indications of the given plants.

(2 Marks)

Name of the drug	Action	Indication
Adathoa		
Jambu		
Kantakari		
Gokshura		

6.3 Write the botanical name, a synonym, used part and main action for following plants.

(2 Marks)

Plant	Botanical name	Sanskrit name	Tree/ shrub/ vine	Main action
<i>Asoka</i>				
<i>Amukkara</i>				
<i>Shatavari</i>				
<i>Beheth Anoda</i>				

## Part II – Essay Questions

1. Explain the following statements.

(20 Marks)

1.1. Vidanga acts as a powerful Krimighna Dravya.

1.2 Grahi Dravya can be used in the early stage of Athisara.

1.3. Pippali act as a Rasayana Dravya by stimulating the functions of the Agni.

1.4 Raw material standardization is essential to keep the Veerya (potency) of the drugs.

2. Write short notes on following topics.

(20 Marks)

2.1 Mutra Virechaniya Dravya

2.2 Ashmaribhedana Dravya

2.3 Kasahara Dravya

2.4 Mutra Sangrahaniya Dravya

21.01.2022

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