

INSTITUTE OF INDIGENOUS MEDICINE, UNIVERSITY OF COLOMBO, RAJAGIRIYA

BAMS LEVEL II – FIRST SEMESTER EXAMINATION – NOVEMBER 2018

DRAVYAGUNA VIGNANA

COURSE CODE – DV2101

Date: 21.01.2019

Time: 2 ½ hours

(9.45 a.m. - 12.15 p.m.)

Index No

Answer all questions.

Part I - Structured Questions

1.

1.1) Briefly explain the actions of Deepana and Pachana with their Pancha Bhauthic composition

(01 Marks)

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1.2) What is the definition of Vamana Karma and mention the common properties of the Vamaka drugs

(01 Marks)

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1.3) "Madana Phala is best for emesis"

What is the botanical name of Madana Phala?

What is the family of Madana Phala?

What is the method of preparation of Madana Phala for drug preparation? (02 Marks)

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1.4) Briefly explain the mechanism of action of Rochana drugs (01 Marks)

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2.

2.1) Name the 03 main types of Krimighna Dravya and their mode of action (02 Marks)

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2.2) List 04 main Krimighna Dravya with their botanical names

(01 Marks)

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2.3) Correlate the properties of the above named Krimighna Dravya with its Krimighna action

(01 Marks)

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2.4) Mention 04 prepared drugs used as Krimighna Aushadha

(02 Marks)

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3.

3.1) Following question is based on the Pachana Sansthana actions and drugs. Fill the following table

(06 Marks)

Herb local name	Botanical name	Family	Two Synonyms	Main action	Prepared drug
	<i>Glycyrrhiza glabra</i>				
Udu					
Madan					
Neera Mulliya					
	<i>Piper chavya</i>				
				Shula Prashamana	

3.2) Fill the following table

(04 Marks)

Action	Name of 2 herbs for the given action	2 Synonyms
Rochana		
Pitta Virechana		
Pitta Sravaka		
Arshoghna		

4.

4.1) Write 02 main systemic actions and indications of *Curcuma longa* (Haridra) and *Cassia fistula* (Aragwadha) (01 Marks)

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4.2) Briefly describe the classification of Keshya Dravya and give example for each categories

(01 Marks)

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4.3) Write main used part (Prayojya Anga) and one prepared drug for following plant materials

(02 Marks)

Ushira

Narikela

Thila

Raktha Chandana

Bakuchi

4.4) Write one chemical constituent include in following medicinal plants

(01 Marks)

Nilawariya (*Indigofera tinctoria*)

Semkottan (*Semicarpus anacardium*)

5. Write Shloka and its meaning of following four (04) medicinal plants

(02x4 Marks)

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5.2) Saribha

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5.3) Hingu

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5.4) Vaca

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6.

6.1) List out the properties of medicinal plants which used for Jvara-Hara karma (01 Marks)

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6.2) List out the properties of medicinal plants which used for Sanjna-Stapana Karma (01 Marks)

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6.3) Write Guna Shloka of following plants (02x2 Marks)

Ashwagandha

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Sarpagandha

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Part II – Essay Questions

1. Write short notes (4 x 05 Marks)

- 1.1) Pharmacological actions of Deepaniya Dashakaya
- 1.2) Pharmacological actions of Sanja-Sthapana Dravya
- 1.3) Sweda Janana Dravya and Prayoga Avastha
- 1.4) Properties of Jwara-Hara Dravya with their action

2. A 70 year-old retired farmer complained of gradual memory loss and was referred to a psychogeriatrician. He was diagnosed with early stage of dementia.

2.1) Based on above case, list 03 possible herbal plants you select for manage the disease condition

(03 Marks)

2.2) List the pharmacodynamic properties (Rasa, Guna, Viraya, Vipaka and Prabhava) of above mentioned herbal plants

(08 Marks)

2.3) Describe the mechanism of Medhya drugs according to Ayurveda concepts for ameliorate above disease condition

(09 Marks)

21.01.2019
