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INSTITUTE OF INDIGENOUS MEDICINE, UNIVERSITY OF COLOMBO, RAJAGIRIYA
BAMS LEVEL II – SECOND SEMESTER EXAMINATION – JUNE 2018

DRAVYAGUNA VIGNANA

COURSE CODE – DV 2201

Time: 2 1/2 hours

Date- 29.06.2018

(9.45 a.m – 12.15 p.m)

Index no

Answer all questions

Structured Questions

(1). 1.1. Briefly explain about drug standardization

(2 Marks)

1.2. List main three parameters consider in quality controlling process of "*Thripala*"

(2 Marks)

1.3. Explain the term "botanical drug interaction" using an example

(2 Marks)

(2).

2.1. Write the most suitable four (04) medicinal plants for following medical conditions

Vata Vyadhi

Skin Diseases

Prameha

Urinary Disorder

(4 Marks)

2.2. Write four (04) medicinal plants which are used as substitutes for *Parpata*

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(2 Marks)

2.3. Write the most important (02) formulations containing "*Kamala*"

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(1 Mark)

2.4. Write the names of medicinal plants which used for "*Candandvaya*"

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(1Mark)

(3).

3.1. List out the properties of medicinal plants which used for Daha prashamana karma

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(2 Marks)

3.2. List out the properties of medicinal plants which used for Shita prashamana karma

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(2 Marks)

3.3. Write the *guna shloka* of followings

a) Shatavari

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b) Bala

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(2 Marks)

(4). A 32 year lady complained about repeated miscarriages (*Garbha Srava*) due to *Garbhasha Shithilatha* (Weakness of the endometrium).

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

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(1Mark)

4.2. What are the mechanisms of action of the drugs for above mentioned action?

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(3 Marks)

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

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(2 Marks)

(5). The following questions are based on the given medicinal plants

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

Plant	Botanical name	Synonym	Used part	Main action
<i>Hathawariya</i>				
<i>Amukkara</i>				
<i>Suwanda kottam</i>				
<i>Sathakuppa</i>				

(4 Marks)

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

Plant	Botanical name	Synonym	Used part	Main action
<i>Sadikka</i>				
<i>Niyagala</i>				
<i>Athhana</i>				
<i>Diyamiththa</i>				

(4 Marks)

5.3. Briefly explain the actions of *Sthanya Shodhana* drugs.

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(1 Mark)

(6).

6.1. What are the drug actions described relevant to respiratory tract

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(1Mark)

6.2. Describe important morphological features to identify following herbs.

6.2.1. Bulu

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6.2.2. Adathoda

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6.2.3. Katuwelbatu

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6.2.4. Madan

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(4 Marks)

Essay Questions

(1). According to the basic principles of Dravyaguna Vignana, explain the following statements.

- 1.1. ~~Mutra virechaniya dravya act as ashmari prathishedaniya dravya~~ (4 Marks)
- 1.2. Certain dravyas act as adharaka mutrakaraka dravya (4 Marks)
- 1.3. Mutra sangrahaniya dravya act as madhumeahara dravya (4 Marks)
- 1.4. Most of the ashmaribhedana dravya possess theekshna guna (4 Marks)
- 1.5. Kapha nissaraka dravya help to iradicate kasa shwasa (4 Marks)

(2). Briefly explain following Madhumeahara plants with considering their Sanskrit synonyms, Rasa, Guna, Virya and Vipaka.

- 2.1. *Pterocarpus marsupium* Roxb (Gammalu) (7 Marks)
- 2.2. *Salacia reticulate* (Kothala hibutu)- (6 Marks)
- 2.3. *Coccinia indica* (Kovakka)- (7 Marks)
