INSTITUTE OF INDIGENOUS MEDICINE, UNIVERSITY OF COLOMBO, RAJAGIRIYA

BAMS LEVEL I- FIRST SEMESTER EXAMINATION – JUNE 2015

DRAVYAGUNA VIGNANA (AYURVEDA PHARMACOLOGY) - I

COURSE CODE – DV 1101

Time: 2 ½ hours
9.45 a.m. – 12.15 p.m

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Answer all questions.

Part I - Structured Questions

(i) Write the 04 different meanings for word '***Rasa***' (02 Marks)

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(ii) What do you mean by the Rasa (Taste) of a drug? Describe with 2 definitions. (02 Marks)

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(iii) Write 2 main properties (guna) of following each taste. (02Marks)

1. Madhura (Sweet taste).....
2. Amla (Sour taste) .....
3. Lavana (Salt taste) .....
4. Katu (Pungent taste) .....
5. Tikta (Bitter taste) .....
6. Kashaya (Astringent taste).....

(iv) What are the factors that are responsible for transformed one taste of a drug into another taste ?

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(v) What is Rasa and Anurasa ?

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2.

(i) Briefly explain the term Pachana Dravya

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(ii) List three plants with Pachana Karma

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(iii) Distinguish Deepana and Pacana Karma

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(iv) List specific identification characters of following raw materials in dry form

a. *Khadira* (*Acacia catechu*) (02 Marks)

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b. *Rath Handun (Pterocarpus santalinus)* (02 Marks)

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c. *Valmi (Glycyrrhiza glabra)* (02 Marks)

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d. *Gugul (Commiphora mukul)* (02 Marks)

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3. (i) Write the **shloka** of following Dravya Ghana with the **meanings.**

a. Sugandha Triphala (02 M

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b. Dashamoola (02 M

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(ii) Write the appropriate Dravya Ghana from Mishraka Classification for following conditions

1. Vishamajwara: .....
2. Shwasa: .....
3. Prameha: .....
4. Raktapitta: .....

4. Briefly explain.

(i) Samshodhana karma. (01 Marks)

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(ii) Sandhaniya Karma (01 Marks)

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(iii) Vedanasthapana Karma (01 Marks)

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(iv) Anulomana Karma (01 Marks)

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(v) Virechana Karma (01 Marks)

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05. Briefly explain

(i) Karya Dravya

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(ii) Karana Dravya

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(iii) Triphala and therapeutic actions

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(iv) Vruhath Panchamula and therapeutic actions

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06. *Write important facts mentioned in following literatures that helped to develop the Dravyaguna Viganana*

I. Charka Samhitha. (01 Marks)

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II. Bhava Prakasha. (01 Marks)

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III. Dravya Guna Viganana by P.V Sharma. (01 Marks)

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IV. Dhanwanthari Nighantu. (01 Marks)

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Part II – Essay Questions

01.

I. Define the **Guna** (Property of a drug)

II. Classify the guna according to Ayurveda and list Gurvadi guna.

III. Define following guna with their properties and actions.

A. Guru Guna

B. Sheeta Guna

IV. **Laghu** and **Ushna** properties of a drug help to treat in Kapha vruddhi (increased kapha dosha) condition of a person. Explain this statement with examples.

02.

I. Briefly explain the meaning of medicinal plant authentication

II. Briefly describes the important of morphological characters in medicinal plant identification

III. Apply the knowledge of morphological characters in identification of Rath Hadun (*Pterocarpus santalinus*)

IV. Briefly explain important of morphological identification of Thrikatu

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22.06.2015