

INSTITUTE OF INDIGENOUS MEDICINE, UNIVERSITY OF COLOMBO, RAJAGIRIYA

BAMS LEVEL II – SECOND END SEMESTER EXAMINATION – APRIL 2015

DRAVYAGUNA VIGNANA (AYURVADA PHARMACOLOGY) - IV

COURSE CODE – DV 2201

Time: 2 ½ hours
9.45 a.m. – 12.15 p.m

Answer all questions.

Index No

Part I - Structured Questions

Q1.

Write down the Sanskrit name of following plants and give 2 synonyms for each with their meanings.

a. *Rubia cordifolia*

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b. *Caesalpinia bonduc*

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c. *Embelia ribes*

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d. *Butea monosperma*

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(2 marks)

(ii) Write the used parts of following plant drugs.

a. Shariba

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b. Keetamarie

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c. Ashwagandha

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d. Kutaja

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e. Kampillaka

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f. Dhataki

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(1 mark)

(iii) Vidanga, Palasha and Tulasi are known as krimighna Dravya. Describe the krimighna action of these plants by analyzing their Rasadi pancha padartha. (Rasa, Guna, Veerya, etc.)

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(2 marks)

(iv) Write 2 prepared drugs of Palasha.

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(1 mark)

Page

- Define mutravirechaniya karma (diuretic action).

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(1 marks)

- Briefly describe how mutravirechana karma activated in the body according to the rasa, guna, virya of mutra virechana dravya.

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(2 marks)

- Name two mutra virechana dravyas with their Botanical Names.

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(1 marks)

- Mention 2 important properties (rasa, guna, virya....) of ashmari bhedana dravya.

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(1 marks)

- Explain why mutravirechana dravya called as ashmari prathishedaniya dravya.

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(2 marks)

03.

(i) Define the term Arbudhanashna Dravya

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(ii) List main active ingredients of Sandapushpa (*Catharanthus roseus*)

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(iii) List main Karmas of Nirgundi (*Vitex nigundo L.*) in Nadi Sansthana

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(iv) Give an example for botanical drug interactions of vari (*Salacia reticulate*)

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04.

(i) Explain the term herbal drug authentication

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(ii) List main parameters of herbal drug authentication

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(iii) Explain the term Herbal Drug Monograph

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25.

25. Define the following drug actions: Kaphanissaraka /Chedana (expectorant), Kasahara (Bronchial sedatives), Shwasahara (Bronchial antispasmodics).

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(2 marks)

26. Write one prepared drug / prayojya anga (parts use) / prayoga awastha (indication) of following single drugs.

26.1. Bala

26.2. Kanweelbatu

26.3. Karkasakurungi

26.4. Simbheku

(1 marks)

27. Write the gunakarma shloka of Gokshura.

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(2 marks)

28.

- a. Name 5 sarvadhatushloka karmas

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(1 marks)

- b. Define the word "Rasayana"

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(1 marks)

c. Describe the probable mode of action of Rasayana dravya in the body with examples

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06.

(i) What are the categories of drugs use in management of hypertension

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(ii) Outline the pharmacological basic of antihypertensive drugs

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(iii) State the basic management of Heart failure

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(iv) Name the categories of drugs use in acute Asthma management

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Part II - Essay Questions

1. Write the guna shloka of following Dravya with its meaning.
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|------------|--------------|-----------|
| a) Shariba | c) Manjishta | |
| b) Guduchi | d) Amalaki | (8 marks) |
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2. Explain following statements
- Jwaraghna dravya act in many ways to reduce the jwara (fever) in the body
 - Triphala can enhance physical and mental ability of a healthy person (2x 2=4 marks)
- 3.
- What is the meaning of drug standardization (2 marks)
 - List the main parameters of botanical drug standardization (3 marks)
 - Briefly describe physical parameters of botanical drug standardization (3 marks)
- 4.
- State five (5) uses of Non Steroidal Anti Inflammatory Drugs (NSAIDS) (5 marks)
 - Name three (3) importance of generic (nonproprietary) name of the drug (3 marks)
 - What is adverse drug reaction? (4 marks)
 - What are the factors that cause adverse drug reactions? (4 marks)
 - What is antagonism? (4 marks)

08/06/2015
