

INSTITUTE OF INDIGENOUS MEDICINE, UNIVERSITY OF COLOMBO, RAJAGIRIYA

BAMS LEVEL II – SECOND SEMESTER EXAMINATION – JANUARY 2017

DRAVYA GUNA VIGNANA

COURSE CODE – DV 2201

Time: 2 ½ hour
Date: 23.01.2017
9.45 a.m – 12.15 a.m

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Answer all questions

Structured Questions

E(A)

1.1 Define the Grahi action and explain its pharmacological action in the body.

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(1 Mark)

1.2 Write 2 examples for Grahi Dravya with their botanical names

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(1 Mark)

1.3 Mention three differences between Grahi action and stambhana action.

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(1 Mark)

2. 2.1 Name five sarvadhatushuddha karma

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.....

(2 marks)

2.2 Define the word "Rasayana".

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(1 mark)

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

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(2 marks)

2.4 Mention five benefits that we can gain using the Rasayana Draugs

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(2 marks)

3. 1.

1.1 Define the term Arbudhanashna Dravya

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(1 Mark)

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

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(1 Mark)

1.3 List main Ayurveda Pharmacodynamic properties of *Terminalia arjuna* (Arjuna)

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(1 Mark)

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1.4 Give an example for botanical drug interactions of *Coccinia grandis* (Kovakka)

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(1 Mark)

2. Briefly describe activation of *kasahara*, *shwasahara* dravya in the body

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(2 Marks)

3. Write the indications for the following drug preparations

a) *Thalisadi choorna*

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b) *Vasavalcha*

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c) *Punarnawasawa*

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d) *Dashamoolarishta*

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(2 Marks)

1. Define the *Prajasthapana* karma

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(1 Mark)

2. What are the mechanisms of *Prajasthapana* drugs?

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(2 marks)

3. Give a brief description of Sthanyajanna drugs

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(1 mark)

4. Name two medicinal plants and write their botanical names that are belonged to Arthavajanna drugs and write two synonyms for each plant.

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(2 marks)

5. What is the mechanism of action of Arthavajanna drug?

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(2 marks)

5. The following a), b), c), d), questions are based on the given medicinal plants

i) Hathawariya ii) Amukkara iii) Suwanda kottam iv) Siviya

a) Write the main action and one indication/therapeutic use of each medicinal plant

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(2 Marks)

b) Write the botanical name of the above plants (i-iv)

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(2 Marks)

c) What is the used part and name one prepared drug of above plants? (i-iv)

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(2 marks)

6.1 Jwaraghna drugs perform their actions in many ways in the body. List five actions of them.

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(2 marks)

6.2 Write the guna shloka of following Dravya with its meaning.

a) Shariba

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b) Manjishta

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c) Gokshura

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(6 marks)

Essay Question

1. Write short notes

- i. Pharmacological actions of Panchkola according to Ayurveda concept (5 Marks)
- ii. Substitutes and adulterants (5 Marks)
- iii. Herbal drug authentication (5 Marks)
- iv. Action of Hirdya Dravya related to Hird roga Samprapthi (5 Marks)

2. Explain the following statements

- i. Mutra virechaniya dravya act as ashmari prathishedaniya dravya (5 Marks)
- ii. Mutra sangrahaniya dravya can be used to treat madhumeha (5 Marks)
- iii. Katu rasa and thikshna guna dravya act as kapha nissaraka dravya (5 Marks)
- iv. Ashmaribhedana dravya possess thikshna guna (5 Marks)
