

INSTITUTE OF TEACHING AND RESEARCH IN AYURVEDA, JAMNAGAR

D. PHARM. (AYU.) FIRST YEAR EXAMINATION - December - 2023

RASA SHASTRA AND BHAISHAJYA KALPANA - I (AYURVEDIC PHARMACEUTICS)

Date : 05/12/2023

Time : 09:30 A.M. - 12:30 P.M.

Tuesday

Marks : 100

Instructions: 1. Every question is compulsory.

2. Every question bears the marks written on the right side.

3. Draw appropriate figures wherever required.

SECTION-A

1. Describe *Kwatha Kalpana* in detail. 10

2. Define the word *Kashaya*. Give details on *Kalka Kalpana*. 10

OR

Explain the concept of collection and storage of raw materials.

3. Write short notes on any **Four** of the following : 20

A. *Vasa Putapaka Swarasa* (Reference Book, Ingredients, Proportion, Dose, Use)

B. *Tandulodaka* (Reference Book, Ingredients, Proportion, Dose, Use)

C. *Triphala Guggulu* (Reference Book, Ingredients, Proportion, Dose, Use)

D. Write a short note on *Pramathya Kalpana*.

E. Write a short note on *Mana Paribhasha*.

4. Answer any **Five** of the following :(two to three sentences) 10

A. Write *Saveeryata Avadhi* of *Swarasa Kalpana* and *Mantha Kalpana*.

B. Which are the types of *Churna Kalpana*?

C. What is the proportion of *Churna* (Lime): Water in *Churnodaka*?

D. Give any two examples of *Lawana Kalpana*.

E. What is the dose and use of *Dhanyakadi Hima*?

F. What is the definition of *Bhaishajya Kalpana*?

SECTION-B

5. What is the meaning of the word '*Putra*'? Give details on *Maha Puta* and *Gaja Puta*. 10

6. Enlist *Sadharana Rasa Varga*. Write in detail about *Navasara*. 10

OR

Write brief introduction of *Parada*. Enlist *Parada Dosha* and explain *Parada Samanya Shodhana*.

7. Write short notes on any **Four** of the following : 20

A. *Gandhaka Shodhana* (Reference book, ingredients, process, examination, dose and use)

B. *Tankan Shodhana* (Reference book, ingredients, process, examination, dose and use)

C. *Haratala Shodhana* (Reference book, ingredients, process, examination, dose and use)

D. Describe *Shodhana* in brief.

E. Explain *Damaru Yantra*.

8. Answer any **Five** of the following :(two to three sentences) 10

A. Define *Rasa Shastra* in brief.

B. Write down the definition of *Marana*.

C. Enlist *Panchamrittika*.

D. Enlist *Pancha Gavya*.

E. Enlist *Sudha Varga*.

F. Enlist *Visha Varga*.

Fundamentals of Ayurveda and Swasthavritta

Date : 08/12/2023

Time : 09:30 A.M. - 12:30 P.M.

Friday

Marks : 100

Instructions: 1. Every question is compulsory.
2. Every question bears the marks written on the right side.

SECTION-A

1. Describe Panchamahabhuta. 10
2. Answer any one out of two questions. 10
- A Write the importance of Anumana Pramana.
- OR**
- B Explain Samavaaya with examples.
3. Write short notes on any **Four** of the following : 20
 - A. Utility of Pratyaksha Pramana in pharmaceutical sciences.
 - B. Kaala.
 - C. Paraadi Guna.
 - D. Rasatarangini.
 - E. Vishesha.
4. Answer any **Five** of the following :(two to three sentences) 10
 - A. Define Ayurveda.
 - B. Define Samanya.
 - C. Write the Guna of Mana.
 - D. Write the site of Atma.
 - E. Name any four similar Dravyas which increases Rasa Dhatu.
 - F. Mention the types of Dravya.

SECTION-B

5. Write in a brief about Adharaniya Vega. 10
6. Answer any one out of two questions. 10
- A Write the importance of Swasthavrutta.
- OR**
- B Write the sources and functions of vitamin-B.
7. Write short notes on any **Four** of the following : 20
 - A. Nasya.
 - B. Factory Act.
 - C. Ahara Parinamakara bhava.
 - D. Fat.
 - E. Vitamin-C.
8. Answer any **Five** of the following : (two to three sentences) 10
 - A. Define Swastha.
 - B. Name any four Dharaniya Vega.
 - C. Sources of Vita-E.
 - D. What is mental health?
 - E. Write the benefits of Vyaayam.
 - F. Write the types of Anjana.

DRAVYAGUNA - I (AYURVEDIC PHARMACOLOGY)

Date : 07/12/2023

Time : 09:30 A.M. - 12:30 P.M.

Thursday

Marks : 100

- Instructions: 1. Every question is compulsory.
2. Every question bears the marks written on the right side.

SECTION-A

1. Discuss the concept of *Guna* in detail. 10
2. Explain *Prabhava* in detail. 10

OR

Describe *Vipaka* with its types.

3. Write short notes on any **Four** of the following: 20
A. Write the importance of *Dravya*.
B. Discuss the concept of *Veerya* in brief.
C. Define *Rasa* and *Anurasa* with suitable examples.
D. Write a short note on the classification of *Dravya* according to *Yonibheda*.
E. Define *Dravyaguna Shastra* with its importance.
4. Answer any **Five** of the following :(two to three sentences) 10
A. Define *Andaja Dravyas*.
B. Write any two examples of *Chetana Dravyas*.
C. Define the classification of *Dravya* according to *Prayogbheda*.
D. Examples of *Karya Dravyas*.
E. Write the name of *Saptapadartha* according to *Dravyaguna Shastra*.
F. Write the number of *Vishista Gunas*.

SECTION-B

5. Discuss *Ghrita varga* in detail. 10
6. Explain drug storage and preservation. 10

OR

Discuss *Taila varga* in detail.

7. Write short notes on any **Four** of the following: 20
A. Method of drug collection.
B. *Phala Varga*.
C. Discuss *Chhardinigrahana* and *Vamana*.
D. *Dadhi varga*
E. Define *Balya* and *Bruhaniya*.
8. Answer any **Five** of the following :(two to three sentences) 10
A. Define *Kusthaghna*.
B. Types of *Takra*.
C. Write two examples of *Hridya Dravya*.
D. Define *Dantya*.
E. Write two examples of *Shwasahara Dravya*.
F. Define *Shramahara*.

SHARIRA (ANATOMY & PHYSIOLOGY)

Date : 06/12/2023

Time : 09:30 A.M. - 12:30 P.M.

Wednesday

Marks : 100

- Instructions: 1. Every question is compulsory.
2. Every question bears the marks written on the right side.

SECTION-A

1. Classification of Bones according to Ayurvedic and Modern perspective. 10
2. Explain the structure of Cell and its function. 10

OR

What is Gyanendriya ? Explain any one in detail.

3. Write short notes on any **Four** of the following : 20
 - A. Shadang Sharir.
 - B. Difference among Sira, Dhamani and Srotas.
 - C. Enlist the organs of Respiratory System, Write difference between Right and Left Lung.
 - D. Structure and function of Urinary Bladder.
 - E. Dhatu and its Upadhatu.
4. Answer any **Five** of the following :(two to three sentences) 10
 - A. Enlist the organs of Digestive System.
 - B. Types of Muscles.
 - C. Parts of Small Intestine.
 - D. What is Asaya ?
 - E. Define Koshtha.
 - F. Write the names of chambers of Heart.

SECTION-B

5. Explain the Kapha Dosha and its classification in detail. 10
6. Describe the Dhatu Poshana Nyaya and explain Kedari Kulya Nyaya. 10

OR

Define 'Agni', write about Ayurvedic concept of Digestion and Metabolism.

7. Write short notes on any **Four** of the following : 20
 - A. Classification of Pitta and its Location.
 - B. Types of WBC.
 - C. What is Ojus, Write the types and importance of Ojus.
 - D. Ekakaal Dhatuposhana Nyaya.
 - E. Components of Blood.
8. Answer any **Five** of the following :(two to three sentences) 10
 - A. Location of Bhrajak Pitta.
 - B. Give the full form of RBC.
 - C. What is Plasma ?
 - D. Normal Value of Platelets.
 - E. Enlist the Dhatuposhana Nyaya.
 - F. Normal Value of Hb. in adult male and female.
