

GUJARAT AYURVED UNIVERSITY, JAMNAGAR

AYURVEDACHARYA-(B. A. M. S.)

SECOND PROFESSIONAL EXAMINATION : MARCH-2022

CHARAKA SAMHITA (PURVARDHA)

Date : 26/03/2022
Saturday

Time : 03:00 p.m. to 06.00 p.m.
Marks : 100

Instructions : All the questions are compulsory.

SECTION - A

- 1 Name the *Agneya and Niragni Sweda* and describe the importance of *Swedana* in *Ayurveda Chikitsa*. 10
2. Answer any one question. 10
 - (A) Explain the subject matter of *Mahachatushpada* (महाचतुष्पाद) *Adhyaya*.
 - (B) Name the *Dhatupradoshaja Vikara* (धातुप्रदोषज विकार).
3. Answer any four questions. 20
 - (A) What is *Viruddha Ahara* ? Explain with examples.
 - (B) Explain the causes of movement of the *Dosha* from *Koshtha* to the *Shaakha* and from *Shaakha* to the *Koshtha*.
 - (C) Explain the stanza in detail.
नित्याः प्राणभृतां देहे वातपित्तकफास्त्रयः । विकृताः प्रकृतिस्था वा तान् बुभुत्सेत पण्डितः ॥
 - (D) Describe the *Arishta* of the *Indriya*.
 - (E) Mention any four dreams indicative of death.
4. Answer any five questions. (two to three sentences) 10
 - (A) Name the types of *Langhana*
 - (B) Name the *Prabha*
 - (C) What is the general *Anupana* of *Sneha*
 - (D) Name the six *Virechana Ashraya*
 - (E) Name the types of *Gridhrasi*
 - (F) Define the *Chikitsa*

SECTION - B

5. (A) Write the *Poorvaroopa* and *Samprapti* of *Gulma*. 5
- (B) Write a note on *Lok-Purusha Saamya*. 5
6. Answer any one question. 10
 - (1) Name the types of *Krimi* and describe their principle of management.
 - (2) Name the ten-fold examination (दशविध परीक्षा) of a patient and describe the *Vikriti Pariksha* (विकृति परीक्षा).
7. Answer any four questions. 20
 - (A) Write the causes of *Prana, Udaka* and *Annavaha Sroto-dushti*.
 - (B) Describe the *Sadhyasadyata* of *Prameha*.
 - (C) Explain the stanza in detail.
आत्मा ज्ञः कारणैर्योगाज् ज्ञानं त्वस्य प्रवर्तते । करणानामवैमल्यादयोगाद्वा न वर्तते ॥
 - (D) Mention the *Apasmara Nidana* and *Lakshana*.
 - (E) Name the types of *Kushtha* and write its *Nidana*.
8. Answer any five questions. (two to three sentences) 10
 - (A) What is the benefit of eating *Ushna Ahara* ?
 - (B) What is *Anubandhya* (अनुबन्ध्य) ?
 - (C) Name the two types of *Amapradosha* (आमप्रदोष).
 - (D) Name the *Dukha Hetu*.
 - (E) What is the *Anjali Pramana* of *Mutra* and *Purisha*.
 - (F) Name the primary cause of *Janapadodhwansa* (जनपदोद्ध्वंस).

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DRAVYAGUNA VIJNAN PAPER – I

Time : 03:00 p.m. to 06.00 p.m.

Marks : 100

Instructions : All the questions are compulsory.

SECTION - A

- 1 Give detail description of basis of plant nomenclature according to classical texts of Ayurveda and modern taxonomy. 10
2. Answer any one question. 10
 - (A) Write note on Chikitsopayogi Gunas with examples.
 - (B) Write about basic differences between Anulomana, Sransana, Bhedana & Rechana Karma.
3. Answer any four questions. 20
 - (A) Write about अमीमांस्य or अचिंत्य शक्ति of Dravya.
 - (B) Write note on Katu Skandha.
 - (C) “ नावीर्यं कुरुते किंचित् सर्वा वीर्यकृता क्रिया ” | Explain the stanza in detail.
 - (D) Write about various theories regarding type of Vipaka according to scholars of Dhanavantari school.
 - (E) Write short note on Kanishtha Panchamoola.
4. Answer any five questions. (two to three sentences) 10
 - (A) Give classical definition of Chaturvidha Audabhida (Sthavara) Dravya.
 - (B) ‘मरुभूमिरारोग्यदेशानाम् |’ Explain it shortly.
 - (C) Mention any two effective methods of collection of Bark.
 - (D) Which drugs should be used after one year of its collection?
 - (E) Write properties of Go Dugdha & Go Mutra.
 - (F) Enlist Dravyas of Vayasthapana Mahakashaya.

SECTION – B

5. Write essay on basic principles of cultivation and conservation of medicinal plants with examples. 10
6. Answer any one question. 10
 - (A) Explain basic principles of general pharmacology in detail.
 - (B) Describe various methods of purification of Dravyas and write procedure of Shodhana of Chitraka, Guggulu, Kampillaka, Ativisha & Musta.
7. Answer any four questions. 20
 - (A) Write short note on immunomodulators and correlate it with Ayurveda science.
 - (B) Define sedatives, hypnotics and tranquilisers with examples.
 - (C) चित्रकभावतो दंती क्षारः शिखरीजोऽथवा | अभावे धन्वयासस्य प्रक्षेप्या तु दुरालभा ||
Explain principles of Abhava Dravya with examples.
 - (D) Describe any two pharmacological actions related to diseases of Respiratory system.
 - (E) Write short note on Anti diabetic drugs.
8. Answer any five questions. (two to three sentences) 10
 - (A) Give four examples of Ayurvedic contraceptives.
 - (B) Write any two examples of plant or animal or mineral based Vitamin D.
 - (C) Write about period and author of Guduchyaadi Nighantu.
 - (D) Mention any four scientific tools used to detect adulteration in medicinal plants.
 - (E) Define Galactogogues with two examples.
 - (F) Enlist any two categories of an Endangered medicinal species with two examples.

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SECOND PROFESSIONAL EXAMINATION : MARCH-2022

DRAVYAGUNA VIJNAN PAPER – II

Date : 23/03/2022
Wednesday

Time : 03:00 p.m. to 06.00 p.m.
Marks : 100

Instructions : All the questions are compulsory.

SECTION - A

1. Give complete description of Rasona. 10
2. Answer any one question. 10
 - (A) Write habitat, habit, main part used and therapeutic dose of Karpura, Kesara, Ativisha, Daaruharidra and Jataamansi.
 - (B) Write general morphological characters of following families along with important keys used for identification: Apiaceae, Poaceae, Apocynaceae, Rutaceae and Zingiberaceae.
3. Answer any four questions. 20
 - (A) Write anti dotes and other remedial measures in adverse effect of Ahiphena, Bhallataka, Guggulu, Ativisha & Arka.
 - (B) 'रक्तपित्तप्रमेहघ्न परं वृष्यं रसायनम् |' Explain this Dravya in detail.
 - (C) Give few classical references of Kleetaka, Chitratandoola, Nishoth, Tuntuka and Shukapriya mentioned in Charaka and Sushruta Samhita.
 - (D) Give two synonyms of following plants relevant to its morphology: Shigru, Shataavari, Shaalmali, Shallaki and Saariva.
 - (E) 'अत्युष्णा वामनी तीक्ष्णा वह्निबुद्धिस्मृतिप्रदा |' Explain this Dravya in detail.
4. Answer any five questions. (two to three sentences) 10
 - (A) Write taxonomical classification of Haritaki.
 - (B) Mention Rasapanchaka of any one Vichitrapratyaarabdha Dravya.
 - (C) Write any two important phytoconstituents of Small Caltrops and Castor plant.
 - (D) Write four herbal single drugs for treatment of patient suffering with Vibandha.
 - (E) Write brief note on Guda-Pippali & Madhu-Pippali.
 - (F) Write Gujarati and Hindi name of Margosa tree.

SECTION – B

5. Write essay on Shaaka Varga according to Bhaavaprakaasha Nighantu. 10
6. Answer any one question. 10
 - (A) Write botanical name, family, habit and main part used of Tintidika, Netropamaphala, Nyagrodha, Jantuphala, Shatapatra.
 - (B) Write standard therapeutics dose and purification method of Arushkara, Baahlika, Kaarashkara, Udumbaraparni and Kalihaari.
7. Answer any four questions. 20
 - (A) Write botanical name and family of Amlavetasa, Chandrashoora, Gorakshaganja, Karira and Madayantika.
 - (B) सिन्दुवारसद्वक्पत्रौ वत्सनाभ्याकृतिस्तथा | यत्पार्श्वे न तरोर्वृद्धि.... Explain this drug in detail.
 - (C) Write main part used and indications of Aakaarakarabha, Champaka, Dhanvayaasa, Kataphala and Maayaaphala.
 - (D)तु मंगल्या वन्ध्या गौरी च रोचना | Explain this Jaantava Dravya briefly.
 - (E) Write short note on Madhu Varga.
8. Answer any five questions. (two to three sentences) 10
 - (A) Write two important compound formulations of Mrigashringa.
 - (B) Mention genuine botanical source of Brahmi & Mandookaparni.
 - (C) Write habit of Parnabija and Parnayavaani.
 - (D) Write any two Aamayika Prayoga of Malabar nut.
 - (E) 'पित्तहन्मधुरा तिक्ता सर्वकंडूविनाशिनी|' Identify this drug and write its botanical name and family.
 - (F) Write two popular Sanskrita names of Agastya and Sharapunkha.

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AYURVEDACHARYA-(B. A. M. S.)

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ROGA NIDANA - PAPER – I

Date : 28/03/2022
Monday

Time : 03:00 p.m. to 06.00 p.m.
Marks : 100

Instructions : All the questions are compulsory.

SECTION - A

1. Describe Hetu, Bheda and Lakshana of Agni Dushti. Discuss its importance in disease manifestation. 10
2. Answer any one question. 10
 - (A) Write definitions and Synonyms of 'Vyadhi' and describe Vyadhi Vargikarana.
 - (B) Describe Pathology and its sub – divisions in details and write brief note on aetiopathogenesis of Edema.
3. Answer any four questions. 20
 - (A) Describe Dosha Dhatu Ashraya Ashrayi Bhava and its clinical significance.
 - (B) Describe concept of Avarana in brief.
 - (C) एवं कृच्छ्रतमा नृणां दृश्यन्ते व्याधिसंकराः। Explain stanza in detail.
 - (D) Differentiate Samanyaja – Nanatmaja Vyadhi.
 - (E) Write a short note on Ashta Nindita Purusha.
4. Answer any five questions.(two to three sentences) 10
 - (A) Define Ischemia.
 - (B) Write name of Ashta Mahagada.
 - (C) Write Clinical features of Rakta Kshaya.
 - (D) What is Kha Vaigunya ?
 - (E) Write names of Hypersensitivity types.
 - (F) Write Indriya Pradoshaj Vikara.

SECTION – B

5. Describe Ashtasthana Pariksha and its practical utility in detail. 10
6. Answer any one question. 10
 - (A) What is Upashaya ? Describe types and its clinical importance of Upashaya in detail.
 - (B) Describe Dashavidha Parikshya Bhava in detail.
7. Answer any four questions. 20
 - (A) Describe definition and types of Vikriti.
 - (B) Explain Prashna Pariksha in context of History Taking.
 - (C) Explain stanza in detail. दर्शन स्पर्शन प्रश्नैः परीक्षेतार्थं च रोगीणाम् ।
 - (D) Describe Sthansamsraya Avastha.
 - (E) Write diagnostic importance of Electrocardiography?
8. Answer any five questions.(two to three sentences) 10
 - (A) What do you mean by Satva Pariksha?
 - (B) Write any four Synonyms of Rupa.
 - (C) What are Sthula and Anu Upadrava?
 - (D) Describe Vital Data history in brief.
 - (E) Write diagnostic use of Chest X – ray.
 - (F) Explain difference between Vyadhi and Lakshana.

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AYURVEDACHARYA-(B. A. M. S.)

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ROGA NIDANA - PAPER – II

Date : 29/03/2022
Tuesday

Time : 03:00 p.m. to 06.00 p.m.
Marks : 100

Instructions : All the questions are compulsory.

SECTION - A

- 1 Explain Hetu, Samprapti, Purvarupa and types of Vishama Jwara and write clinical features of Malaria. 10
2. Answer any one question. 10
(A) Write Nidana Panchaka of Pandu Roga and explain Thalassemia in brief.
(B) Write Nidana Panchaka of Shotha Roga. Give two examples in which Shotha is predominant symptom.
3. Answer any four questions. 20
(A) Write a note on Dhatugata Jwara.
(B) Give difference between Kushtha and Visarpa.
(C) मूत्रवर्णादि भेदेन भेदो मेहेषु कल्प्यते । Explain the stanza in detail.
(D) What is Sickle Cell Anaemia?
(E) Give relevance of Karshyata to Sthaulya.
4. Answer any five questions.(two to three sentences) 10
(A) Which are the types of Dengue fever?
(B) What is Bell's Palsy?
(C) Write a brief note on Osteoporosis.
(D) What is Avabahuka?
(E) Write Nirama Jwara Lakshana.
(F) Define Katigraha.

SECTION – B

5. Explain Nidana Panchaka of Apasmara Roga and give brief note on Epilepsy. 10
6. Answer any one question. 10
(A) Write Hetu, Samprapti, Purvarupa of Shwasa Vyadhi and explain Tamaka Shwasa in detail.
(B) Write etiopathology of Urinary Tract Infection and its diagnostic principles.
7. Answer any four questions. 20
(A) Write a note on Vishada.
(B) Describe Snayuka Roga in brief with reference.
(C) अजीर्णैश्च मलिनैश्च अन्नैः जायन्ते मलसंचयात् । Explain the stanza in detail.
(D) What is Parinama Shoola?
(E) Write about Pleural effusion.
8. Answer any five questions. (two to three sentences) 10
(A) What is Aruchi?
(B) Define Khalitya and Palitya.
(C) Write Name of 13 Mutraghata.
(D) Write about causes of Constipation.
(E) What is Upadamsha?
(F) Explain Atopa in brief.

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SECOND PROFESSIONAL EXAMINATION : MARCH-2022

RASASHASTRA EVAM BHAISHAJYA KALPANA - PAPER - I

Date : 24/03/2022
Thursday

Time : 03:00 p.m. to 06.00 p.m.
Marks : 100

Instructions : All the questions are compulsory.

SECTION - A

1. Write the definition of Rasa Shastra and describe its chronological development. 10
2. Answer any one question. 10
 - (A) What is meant to "Samskara"? Enlist the Samskara of Parada and explain any two Samskara with its utility.
 - (B) Define the "Yantra". Write about its importance and briefly describe any three Yantras use for Jarana process.
3. Answer any four questions. 20
 - (A) What is Paribhasha? Describe following terminology with an example;
1. Dhalana and 2. Druti
 - (B) Describe the modern form of Puta in details.
 - (C) जारणा हि नाम गालनपातनव्यतिरेकेन । Explain the stanza.
 - (D) Write about Parada Dosha, its effect and Samanya Shodhana process.
 - (E) Write on GMP guide line for the manufacturing of Rasaushadhi.
4. Answer any five questions.(two to three sentences) 10
 - (A) Hingulottha Parada.
 - (B) Rasamandapa.
 - (C) Ingredient and use of Panchagavya.
 - (D) Svedana Yantra.
 - (E) Definition and Upadana Dravya of Moosha.
 - (F) Pyrometer.

SECTION - B

5. What is Ratna? write about relation between Ratna & Graha and briefly describe about "Hiraka" 10
6. Answer any one question. 10
 - (A) Write the etymology of "Lauha" with its classification in details and Samanya Shodhana. Write about Varna of Dhatu Bhasma and Jwala Pariksha of Dhatu.
 - (B) Give the definition of "Visha". Write about its classification and describe "Vatsanabha" in detail.
7. Answer any four questions. 20
 - (A) Give the name of Uparatna. Write the Shodhana, Marana and therapeutic use of "Vaikranta".
 - (B) Write a short note on "Kasisa".
 - (C) न विषं विषमित्याहुस्तामं तु ।
एको दोषो विषे तामे तु । Explain it.
 - (D) Give the name of Sadharana Rasa. Write about Grahyta, Shodhana and Satvapatana of "Hingula"
 - (E) Write short note on Kasturi.
8. Answer any five questions.(two to three sentences) 10
 - (A) Types and therapeutic use of "Shilajita."
 - (B) Name of Sikta Vargiya Dravya.
 - (C) Ingredients and indications of "Hridyarnava Rasa."
 - (D) Ingredients and indications of "Sveta parpati."
 - (E) Marana process and therapeutic use of "Mayurpichha."
 - (F) Marana process and therapeutic use of "Mrigashringa."

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RASASHASTRA EVAM BHAISHAJYA KALPANA - PAPER – II

Date : 25/03/2022

Friday

Time : 03:00 p.m. to 06.00 p.m.

Marks : 100

Instructions : All the questions are compulsory.

SECTION - A

1. Define the Sandhana Kalpana. Write the composition, preparation method, Siddhi Lakshana, dose, Anupana and uses of "Ashokarishta". 10
2. Answer any one question. 10
 - (A) Describe the collection, storage and preservation methods of Ayurvedic drugs.
 - (B) What is Pathya Kalpana? Describe the Pathya Ahara Kalpana with its importance in detail.
3. Answer any four questions. 20
 - (A) Write a short note on Guggulu Kalpana
 - (B) Write short note on Vati Kalpana.
 - (C) अत्यन्तशुष्कं यदद्रव्यं । Explain in detail
 - (D) Elaborate the Sneha Paka with its use and Siddhi Lakshana in detail.
 - (E) Write short note on Maana.
4. Answer any five questions.(two to three sentences) 10
 - (A) Definition and dose of Svarasa Kalpana.
 - (B) Ingredient and preparation method of "Arjuna Ksheerapaka"
 - (C) Suppositories.
 - (D) Sieve-shaker.
 - (E) Differentiate: Lavana kalpana - Kshara Kalpana.
 - (F) Takra Varga.

SECTION – B

5. Write in detail about Drug and Cosmetics Act, 1940 with related Ayurveda. 10
6. Answer any one question. 10
 - (A) Write the definition, types and application guide line of Lepa & explain the "Dashanga Lepa" in detail.
 - (B) What is Mukha Kalpa? Elaborate it in detail with its modern concept.
7. Answer any four questions. 20
 - (A) Write a short note on Netrakalpa.
 - (B) Write short note on Schedule T of Drug & Cosmetics Rules, 1945.
 - (C) औषधमोषधसिद्धौ वा स्नेहं नासिकाभ्यां । Explain in detail
 - (D) Write about the "Ointments" and "Lotions".
 - (E) Write brief about standardization of Ayurvedic formulations (Kashthaushadhi)
8. Answer any five questions.(two to three sentences) 10
 - (A) Classification of Dhoomapana.