

INSTITUTE OF TEACHING AND RESEARCH IN AYURVEDA, JAMNAGAR
AYURVEDACHARYA-(B. A. M. S.) EXAMINATION

FIRST PROFESSIONAL APRIL-2023

RACHANA SHARIR - PAPER - II

Date: 06-05-2023
Saturday

Time :- 3:00 p.m. to 6:00 p.m.
Marks : 100

Instructions : All the questions are compulsory.

SECTION - A

1. Describe the anatomy of Stomach along with figure. 10
2. Answer any one question. 10
 - (A) Describe the anatomy of Lung along with figure.
 - (B) Describe the anatomy of Urinary bladder along with figure.
3. Answer any four questions. 20
 - (A) Explain the anatomy of Testis
 - (B) Describe the anatomy of Duodenum
 - (C) Explain the anatomy of Vagina
 - (D) Describe the anatomy of Appendix
 - (E) Explain the Pituitary and Thymus gland
4. Answer any five questions.(two to three sentences) 10
 - (A) Write the ligaments of Uterus (Name only)
 - (B) Write the layers of Scrotum (Name only)
 - (C) Write about Porta hepatis
 - (D) How many Cartilage in the Larynx ((Name only)
 - (E) Write about Seminal vesicles
 - (F) Write about Appendices epiploic

SECTION - B

5. Explain the Spinal cord along with figure. 10
6. Answer any one question. 10
 - (A) Describe the Skin along with figure.
 - (B) Explain the Medulla oblongata along with figure .
7. Answer any four questions. 20
 - (A) Explain the Internal ear
 - (B) Describe the Autonomic nervous system
 - (C) Explain the Coverings of the brain
 - (D) Describe the Brachial plexus.
 - (E) Explain the fibrous tunic of Eye
8. Answer any five questions.(two to three sentences) 10
 - (A) Write about Trigeminal nerve
 - (B) Write about Tympanic membrane
 - (C) Write about Bipolar neuron
 - (D) Describe the Aqueous humor
 - (E) Write the surface marking of Aortic valve
 - (F) Write the regions of Abdomen (Name only)

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

FIRST PROFESSIONAL APRIL-2023

RACHANA SHARIR - PAPER - I

Date: 04-05-2023
Thursday

Time :- 3:00 p.m. to 6:00 p.m.
Marks : 100

Instructions : All the questions are compulsory.

SECTION - A

1. Define the Srotas and explain the Srotas according to Acharya Sushruta. 10
2. Answer any one question. 10
 - (A) Define Asthi and describe the classification of Asthi as per Ayurveda.
 - (B) Describe the definition of Koshta and describe the Koshtanga as per Acharya Charaka.
3. Answer any four questions. 20
 - (A) Explain the Shadanga Sharira
 - (B) Describe the Trimarma
 - (C) ध्रुवंचतुर्णांसाग्निध्याद्गर्भःस्याद्विधिपूर्वकम् ।
ऋतुक्षेत्रान्बुबीजानां सामग्र्याद्ङ्कुरो यथा ॥
Explain the stanza in detail.
 - (D) Explain the Pittadhara and Shukradhara Kalaa.
 - (E) Describe the Anahata Chakra
4. Answer any five questions.(two to three sentences) 10
 - (A) Write the definition of Sira
 - (B) Explain the Kandara
 - (C) Write the definition of Garbha
 - (D) Write the number and name of Karmendriya
 - (E) Explain the Pingala Nadi
 - (F) Write about Samudga sandhi

SECTION – B

5. Explain the Humerus bone along with figure. 10
6. Answer any one question. 10
 - (A) Describe the preservation methods of cadaver.
 - (B) Explain the ankle joint along with figure.
7. Answer any four questions. 20
 - (A) Explain the formation of umbilical cord
 - (B) Describe the Mandible
 - (C) Explain the Pericardium
 - (D) Describe the Laws of heredity
 - (E) Write the Origin, insertion, actions and nerve supply of biceps femoris and soleus muscles
8. Answer any five questions.(two to three sentences) 10
 - (A) Write about Median plane
 - (B) Write about Tricuspid valve
 - (C) Define the term superior and inferior
 - (D) Write the blood supply of heart
 - (E) Write the definition of Lymph
 - (F) Write about SA (Sinoatrial) Node

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

FIRST PROFESSIONAL APRIL-2023

KRIYA SHARIR - PAPER - II

Date: 03-05-2023

Wednesday

Time :- 3:00 p.m. to 6:00 p.m.

Marks : 100

Instructions : All the questions are compulsory.

SECTION - A

- 1 Explain the etymology, derivation, synonyms, functions, properties & Pramana of Rakta Dhatu. 10
2. Answer any one question. 10
 - (A) Write etymology, derivation & definition of term Dhatu. Explain different theories related to Dhatu Poshana.
 - (B) Explain Vyadhikshmatva. Write Etiological factors and manifestation of Ojavisramsa, Vyapt and Kshay.
3. Answer any four questions. 20
 - (A) Mutra Nirmaana Prakriya as per Ayurveda
 - (B) Physiology of perception of Shabda, Sparsha, Rupa, Rasa and Gandha.
 - (C) इन्द्रियाभिग्रहः कर्ष...complete it and explain it.
 - (D) Features of Asthisara Purusha
 - (E) Explain Upadhātu
4. Answer any five questions.(two to three sentences) 10
 - (A) Purish Vriddhi-Kshya Lakshana
 - (B) Difference between Jivatma and Parmatama(any two)
 - (C) Pramana of Oja.
 - (D) Types of Svapna.(only name)
 - (E) Arth(objects) of Manasa
 - (F) Features of Suddha Artava

SECTION – B

5. Describe Erythropoiesis and factors required for Erythropoiesis. 10
6. Answer any one question. 10
 - (A) Artrial blood pressure and its regulation.
 - (B) Stages of synthesis of Thyroid Hormone and function of thyroid hormone
7. Answer any four questions. 20
 - (A) Functions of Haemoglobin
 - (B) Ventricular events of Cardiac cycle
 - (C) Difference between cardiac and skeletal muscles
 - (D) Stages of Spermatogenesis
 - (E) juxtglomerular apparatus.
8. Answer any five questions.(two to three sentences) 10
 - (A) Define Ejection fraction
 - (B) Two function of Thymus gland
 - (C) Full form of VLDL and LDL
 - (D) Definition of jaundice
 - (E) Define Rouleaux Formation
 - (F) Ovulation

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FIRST PROFESSIONAL APRIL-2023

KRIYA SHARIR - PAPER - I

Date: 02-05-2023
Tuesday

Time :- 3:00 p.m. to 6:00 p.m.
Marks : 100

Instructions : All the questions are compulsory.

SECTION - A

- 1 Describe about Shatkriyakala in detail 10
2. Answer any one question. 10
(A) Detail description of Jatharagni, Bhutagni, and Dhatvagni.
(B) Write the Nirukti of Prakriti & characteristic features of Pitta Prakriti.
3. Answer any four questions. 20
(A) Write short note of biological rhythm of Tridosha.
(B) Vaak Pravritti (physiology of speech) as per Ayurveda
(C) सोम एव शरीरे ज्ञेयमाल्पतः....complete it and explain it
(D) Genesis of Vata-Pitta-Kapha during Aharapaka process.
(E) components of Shad-Dhatu Purush and its importance in Chikitsa
4. Answer any five questions.(two to three sentences) 10
(A) Define Samanya – Vishesh Siddhanta
(B) Definition of Prabha
(C) Kapha Vriddhi Lakshana
(D) Annavaaha Strotas Moola
(E) Etiological factors responsible for Vata Dosha Vriddhi
(F) Characteristic of “Yamya Satva”

SECTION – B

5. Neural And Chemical Control of Respiration 10
6. Answer any one question. 10
(A) Physiology of Sleep
(B) Functions of Liver
7. Answer any four questions. 20
(A) Types of transportation across cell membrane.
(B) Write about Acid base balance in body
(C) Functions of gall bladder
(D) Write the manifestation of hyper and hypo vitaminosis of vitamin A.
(E) Transportation of CO2
8. Answer any five questions.(two to three sentences) 10
(A) Define Positive feedback mechanism
(B) Define dead space
(C) Write the function of vitamin B12 (any two).
(D) Write the manifestation of deficiency of iron.
(E) Give the full form of ANS & PNS.
(F) Define deglutition

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FIRST PROFESSIONAL APRIL-2023

MAULIK SIDDHANT AVUM ASHTANG HRIDAYA

Date: 01-05-2023

Monday

Time :- 3:00 p.m. to 6:00 p.m.
Marks : 100

Instructions : All the questions are compulsory.

SECTION – A

- 1 Explain in detail: रोगः सर्वेऽपि जायन्ते वेगोदिरणधारणैः । 10
2. Answer any two questions. 20
- (A) Explain the quotation: "विकृतविकृता देहम म्रश्ति ते वर्त्यनि च" ।
- (B) Write the importance of Sutrasthana of Ashtanga Hridaya.
- (C) Name the eight branches of Ayurveda and describe the Ayurveda Prayojana.
3. Answer any four questions. 20
- (A) Trividha Roga Marga
- (B) Short note: Ahara Vidhi.
- (C) Explain the stanza in detail. "-----परिक्षेत च रोपिणाम्".
- (D) Short note on Vipaka.
- (E) Short note: Ahara Vidhi.
4. Answer any five questions. (Two to three sentences) 10
- (A) Advantages of Langhana.
- (B) Define Prakopa.
- (C) Enlist Brihat Panchamoola.
- (D) Vriddha Majja Dhatu Lakshana.
- (E) Sites of Agnikarma in Vishuchika.
- (F) Oja Kshayalakshana.

SECTION – B

5. Write in detail about Sveda Vidhi Adhyaya. 10
6. Answer any four questions. 20
- (A) Define Shashtra Lakshana and explain any two of them.
- (B) Short Note: Sneha Matra.
- (C) Explain the stanza in detail : "स्नेहवास्तिनिरूहं वा नैकमेवाति शिलयेत्".
- (D) Describe the Shalya Gati.
- (E) Short Note: explain any two Vyakhya.
7. Answer any five questions. (Two to three sentences) 10
- (A) What is Tantra Yukti ?
- (B) Treatment of Ati Dagdha .
- (C) Sandhigata Shalya Lakshana.
- (D) Enlist Tantra Guna.
- (E) Types of Arthashraya.
- (E) Define Nirvachana.

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FIRST PROFESSIONAL APRIL-2023

SANSKRUTAM

Date: 29-04-2023
Saturday

Time :- 3:00 p.m. to 6:00 p.m.
Marks : 100

Instructions : All the questions are compulsory.

SECTION – A

1. How many places for origin of the letters are there in mouth? Explain them with Sutra. 10
2. Answer any one question. 10
- (A) Do the process of Sandhi and specify the related rules (Sutra).
(1) ग्रीष्म + ऋतुः (2) देवी + उवाच (3) मुनि + ऐक्यम् (4) तेन + एकः
- (B) Do the process of Sandhi and specify the related rules (Sutra).
(1) वाक् + ईशः (2) शिवस् + शरण्यः (3) धनुस् + टंकार (4) रामस् + अब्रवीत्
3. Answer any four questions. 20
- (A) Perform the Vachya Parivartana of the following Sentences:
1. बालिक्या गीतं गीयते ।
2. अहं कर्म करोमि ।
3. मया पुस्तकं पठ्यते ।
4. बालकः क्रीडाम् क्रीडति ।
5. पत्रवाहकः पत्रं आनयति ।
- (B) Make one sentence from each of the following verbs:
(A) पश्यन्तु (B) गमिष्यन्ति (C) अपचन् (D) पठन्तु (E) ददाति
- (C) Write a short note on: इन्द्रसमासः ।
(D) अधोलिखित शब्दैः सह प्रत्ययं योजयत ।
(A) कृष्ण + टाप् (B) दातृ + डीप् (C) शक्ति + अण् (D) क्रीड + अनीयर् (E) दण्ड + इनि
- (E) Make any five sentences using चतुर्थी विभक्ति (Chaturthi Vibhakti)
4. Answer any five questions. 10
- (A) Correct the sentence: वृक्षेण फलं पतति ।
(B) Correct the sentence: बालकः पितुः सह गृहम् गतः ।
(C) Correct the sentence: जनकः रामस्य सीतां ददाति ।
(D) Correct the sentence: अत्र सर्वे बालकः क्रीडन्ति ।
(E) Translate the sentence into Sanskrit: The carpenter is chopping wood.
(F) Translate the sentence into English: सर्वस्मिन् आत्मा विद्यते ।

SECTION – B

5. स्थूलास्थिषु विशेषेण मज्जा त्वभ्यन्तराश्रितः । अथेतरेषु सर्वेषु सरक्तं मेद उच्यते ॥
Translate into English and explain sandhi, samasa and roop of the same. 10
6. Answer any one question. 10
- (A) निदाने माधवः श्रेष्ठः , सूत्रस्थाने तु वाग्भटः । शरीरे सुश्रुतः श्रेष्ठश्चरकस्तु चिकित्सते ॥ Explain.
(B) मनःशौचं, कर्मशौचं, कुलशौचं तथैव च । शरीरशौचं, वाक्यशौचं, शौचं पञ्चविधं स्मृतम् ॥ Explain

[P.T.O.]

INSTITUTE OF TEACHING AND RESEARCH IN AYURVEDA, JAMNAGAR
AYURVEDACHARYA-(B. A. M. S.) EXAMINATION

FIRST PROFESSIONAL APRIL-2023

PADARTHA VIGYAN AND AYURVEDA ITIHAS - PAPER - II

Date: 28-04-2023
Friday

Time :- 3:00 p.m. to 6:00 p.m.
Marks : 100

Instructions :All the questions are compulsory.

SECTION - A

- 1 How can all the *Pramana* be incorporated under the *Trividha Pramana*? Explain with any five examples. 15
2. Answer any two questions. 20
- (A) Detail the definition of *Apta* and explain the *Vaakyarthajnaanahetu*.
(B) What is the importance of *Karana* (कारण) in *pratyaksha*? Name the *Trayodashakarana*.
(C) Defining *Anumana* and *Tarka*, explain the types of *Anumana*.
3. Answer any Six questions. 30
- (A) Write a note on *Yukti* as a *Pramana*.
(B) Describe the utility of *Upamana* in *Ayurveda*.
(C) Explain the stanza in detail.
शब्दो नाम वर्ण सामान्नायः, स चतुर्विधः दृष्टार्थः अदृष्टार्थः सत्यः अनृतश्चेति।
(D) Write a note on *Satkaaryavaada*.
(E) Write a note on *Anekaantavaada*.
(F) Write a note on “Importance of *Pratyaksha* in Diagnosis and Research”
(G) Write the Significance of *Kaarya-Kaarana Bhaava* in *Ayurveda*.
4. Answer any five questions.(two to three sentences) 10
- (A) Enlist *Pramanas* according to *Samkhya Darshana*.
(B) Enlist the *Shaktigraha Hetu*.
(C) What is *Jnana Lakshana Pratyasaatti*?
(D) Enlist six *Sannikarsha*.
(E) Name the *Hervabhaasa*.
(F) What is *Vyaapti*?

SECTION – B

5. (A) Write a note on NCISM. 5
Answer any two questions. 10
- (A) Write a note on “*Ayurveda* in BHU”
(B) Write a note on “Drugs and Cosmetic Act”
(C) Who is *Dalhana*? What is his contribution?
7. Answer any five questions.(two to three sentences) 10
- (A) Who is the author of *Chakradutta* or *Chikitsa Samgraha*?
(B) Write the full form of APC.
(C) What is the contribution of *Acharya Sharangadhara*?
(D) Who wrote *Pratyaksha Sharira*?
(E) Name any two commentators and their commentaries on *Charaka Samhita*.
(F) What is the contribution of *Kashyapa*?

INSTITUTE OF TEACHING AND RESEARCH IN AYURVEDA, JAMNAGAR
AYURVEDACHARYA-(B. A. M. S.) EXAMINATION

FIRST PROFESSIONAL APRIL-2023

PADARTHA VIGYANAM- PAPER - I

Date: 27-04-2023
Thursday

Time :- 3:00 p.m. to 6:00 p.m.
Marks : 100

Instructions : All the questions are compulsory.

SECTION - A

1. Define *Siddhanta* and explain its types with appropriate examples. 10
2. Answer any one question. 10
 - (A) “*Ayurveda* is an independent school of philosophy” Explain this statement.
 - (B) Explain the role of *Panchmahabhuta* and *Triguna* in the formation of *Shaarira* and *Maanas Prakriti*.
3. Answer any four questions. 20
 - (A) Describe the points of refusal of *Tamas* as the tenth *dravya*.
 - (B) Write the theory of creation as narrated in the *Taittiriya Upanishad*.
 - (C) Explain the stanza in detail.
चित्त्यं विचार्यमूह्यं च ध्येयं संकल्प्यमेव च । यत्किञ्चिन्मनसो ज्ञेयं तत्सर्वं ह्यर्थसंज्ञकम् ॥
 - (D) Describe the utility of *Disha* in *Ayurveda*.
 - (E) In what form does the *Atma* transmigrate from one body to the other? Explain
4. Answer any five questions.(two to three sentences) 10
 - (A) Write the Synonyms of *Ayu*.
 - (B) Enlist the types of *Dravya* on the basis of their origin.
 - (C) Define *Manas*.
 - (D) What is the difference between *Vyakta* and *Avyakta*?
 - (E) Write *Panchabhautika* composition of *Shad Rasa*.
 - (F) Write the *nirukti* of *Padartha*.

SECTION – B

5. Explain the *Gurvadi Guna*. 10
6. Answer any one question. 10
 - (A) Explain the *Visheshha Padartha* in detail.
 - (B) Explain the types of *Abhaava* with examples and explain its utility in *Ayurveda*.
7. Answer any four questions. 20
 - (A) Write a note on ‘Types of *Karma*’
 - (B) What are the factors that define the *Paratva* and *Aparatva*?
 - (C) Explain the stanza in detail.
अयुस्त्विद्वानामाधार्याधारभूतानां यः संबन्ध इह प्रत्ययेहेतुः स समवायः।
 - (D) What is the significance of *Samskara* in *Ayurveda*?
 - (E) Write the importance of *Samanya* in *Ayurveda*.
8. Answer any five questions.(two to three sentences) 10
 - (A) Define *Dukha*
 - (B) Define *Yukti guna*.
 - (C) What is *Vibhaga*?
 - (D) Write the *nirukti* of *Guna*.
 - (E) Define *Buddhi*.
 - (F) Write an example of utility of *Dweshha* in *Ayurveda*.
