

GUJARAT AYURVED UNIVERSITY, JAMNAGAR
AYURVEDACHARYA-(B. A. M. S.) EXAMINATION
FIRST PROFESSIONAL FEBRUARY - 2021
PADARTHA VIGYAN AND AYURVEDA ITIHAS - PAPER - II

Time :- 9:30 a.m. to 12:30 p.m.

Marks : 100

Instructions: All the questions are compulsory.

SECTION - A

- 1 Describe Sannikarsha according to Nyaya Darshana and Ayurveda. 15
- 2 Answer any two questions. 20
 - (1) Define Pratyaksha and write a note on Pratyaksha Pramana.
 - (2) Is Upamana Pramana useful in Ayurveda? How?
 - (3) Define Karya and Karana. Explain its importance in Ayurveda.
3. Answer any six questions. 30
 - (1) Asatkaryavada.
 - (2) What is Hetvabhas? Explain.
 - (3) Translate and explain: "रजस्तमोभ्यां निर्मुक्तास्तपोज्ञानबलेन ये
येषां त्रिकलममलं ज्ञानमव्याहतं सदा ।।"
 - (4) Explain Prameya and Pramata.
 - (5) Briefly explain types of Pramana according to Nyaya.
 - (6) Define Pariksha and write the importance of Pariksha.
 - (7) Explain Vivartavada.
4. Answer any five questions. (two to three sentences) 10
 - (1) Which type of Pramana indicates in "रसो निपाते द्रव्याणां" ?
 - (2) Which type of Pramana indicates in "हर्ष आमोदेन"?
 - (3) What is Manas Pratyaksha?
 - (4) Classify Shabda.
 - (5) What is Dwanyaatmaka Shabda? Give example
 - (6) Define Vyanjana Vritti.

SECTION - B

5. Briefly describe the books included in Bruhatrayi. 5
- 6 Answer any two questions. 10
 - (1) Give brief introduction about Atreya Parampara.
 - (2) Write definition of Itihas and give introduction to Ayurvedic Itihas.
 - (3) Give introduction to Vagbhata.
7. Answer any five questions. (two to three sentences) 10
 - (1) Full form of TKDL.
 - (2) Full form of AYUSH.
 - (3) Name two books written by Acharya Priyavatt Sharma.
 - (4) Name the commentators of Astanga Sangraha.
 - (5) Write about contribution of Kashiraj Divodas Dhanvantari.
 - (6) Write about BHU, Varansi.

GUJARAT AYURVED UNIVERSITY, JAMNAGAR
AYURVEDACHARYA-(B. A. M. S.) EXAMINATION
FIRST PROFESSIONAL FEBRUARY - 2021
SANSKRUTAM

Time :- 9:30 a.m. to 12:30 p.m.

Marks : 100

Instructions : All the questions are compulsory.

SECTION - A

- 1 Explain the classification of the vowels. 10
2. Answer any one question. 10
 - (A) Do the process of Sandhi with specify the rules (Sutra) regarding:
(A) व्याधि + आतुरः (B) अभि + उदयः (C) हरये (D) रमा + इष्टिः
 - (B) Do the process of Sandhi with specify the rules (Sutra) regarding:
(A) प्रायः + मन्दम् (B) पुरुषोऽपि (C) निः + छले (D) नमः + ते
3. Answer any four questions. 20
 - (1) Make Vachya Parivartana of the following sentences :
(A) रामः विद्यालयं गच्छति । (B) अहं शिशुं पश्यामि । (C) स रोदिति ।
(D) मया पाठं स्मर्यते । (E) मीरा तडागे कमलानि पश्यति ।
 - (2) Prepare one sentence from each of the following verbs :
(A) अपचन् (B) अस्तु (C) जानीयाम् (D) नमामि (E) कुर्यात् ।
 - (3) Explain : कति कारकरनि के चते ?
 - (4) अधोलिखित शब्दैः सह प्रत्ययं योजयत ।
(A) पठ + तव्यम् (B) बल + मतुप (C) पाल् + तव्यम् (D) वैश्य + टाप् (E) किशोर + डीप
 - (5) Where the Dwitiya Vibhakti is used ? Explain in context of Karaka.
4. Answer any five questions. 10
 - (1) Make the correction of sentence : भवान् मम मित्रोऽसि ।
 - (2) Make the correction of sentence : गोपालो मम स्नेहपात्रः ।
 - (3) Make the correction of sentence : इमं पुस्तकं पश्य ।
 - (4) Translate the sentence in to English : सः स्नानं शीघ्रं करोतु ।
 - (5) Translate the sentence in to English : ग्रामस्य दक्षिणतः वनम् अस्ति ।
 - (6) Translate the sentence in to Sanskrit : Ganga starts from the Himalaya.

SECTION - B

5. तसां प्रथमा मांसधरा, यस्यां मांसे । सिरास्नायुधमनीस्रोतसां प्रताना भवन्ति ॥
Translate in to English and explain Sandhi, Samasa and Roop of the same. 10
6. Answer any one question. 10
 - (1) Explain अयथाबलमारम्भः प्राणोपरोधिनाम् । and write about Vyayama.
 - (2) मान्त्रं भौमं तथाऽऽग्नेयं वायव्यं दिव्यमेव च । वारुणं मानसं चैव सप्त स्नानान्यनुक्रमात् ॥ Explain.
7. Answer any four questions. 20
 - (1) Write short note on : चिकित्सा नास्ति निष्फला ।
 - (2) Write short note on : Water.
 - (3) Do the process of Sandhi : (A) अथ + इतरेषु (B) तथा + अन्त्राणि (C) पक्वाशय + उपस्थितम्
 - (4) Write the name of Samasa : (A) सर्वशरीरव्यापिनी (B) निद्रानाशः (C) अरोग
 - (5) Identify the Roopa : (A) तस्माद् (B) भवन्ति (C) पुरुषस्य
8. Answer any five questions. 10
 - (1) Write the moral of सिंहकारकमूर्खं ब्राह्मण कथा ।
 - (2) What happens in case of अतिलोभो न कर्तव्यम् ।
 - (3) Write the social status of the poor described in पंचतंत्र.
 - (4) Translate the verse: अयं निजः परो वेति गणना लघुचेतसाम् । उदारचरितानां तु वसुधैव कुटुम्बकम् ॥
 - (5) Translate the verse :
उत्सवे व्यसने प्राप्ते दुर्भिक्षे शत्रुसंकटे । राजद्वारे श्मसाने च यस्तिष्ठति स बान्धवः ॥
 - (6) Translate the verse : सत्यं परित्यजति मुञ्चति बन्धुवर्गं शीघ्रं विहाय जननीमपि जन्मभूमिम् ।
संतज्य गच्छति विदेशमभीष्टलोकं चिन्ताकुलीकृतमतिः पुरुषोऽत्र लोके ।

GUJARAT AYURVED UNIVERSITY, JAMNAGAR
AYURVEDACHARYA-(B. A. M. S.) EXAMINATION
FIRST PROFESSIONAL FEBRUARY - 2021
MAULIK SIDDHANT AVUM ASHTANG HRIDAYA

Time :- 9:30 a.m. to 12:30 p.m.

Marks : 100

Instructions: All the questions are compulsory.

SECTION - A

1. Describe the 'Shad-Rasa-Utpatti'(origin of six tastes), Rasa-Dosha-Mahabhuta relation and Karma of six Rasa. 10
2. Answer any two questions. 20
 - (A) Write the definition and types of Shodhana and Shamana Chikitsa.
 - (B) Write about Chikitsa Chatushpada and their importance in treatment.
 - (C) Explain the Chaya-Prakopa-Prashama of the Dosha in detail.
3. Answer any four questions. 20
 - (A) Write a short note on: Dashavidha Paapakarma.
 - (B) Write the difference between Adana and Visarga Kala.
 - (C) Explain the stanza in detail - "यथाबलं यथास्वं च दोषा वृद्धा वितन्वते ।
रूपाणि जहति क्षीणाः समाः स्वं कर्म कुर्वते ॥"
 - (D) Describe the types of Ajirna and their treatment in brief.
 - (E) Describe about Oja Guna and its Vriddhi-Kshaya Lakshana.
4. Answer any five questions.(two to three sentences) 10
 - (A) Define Adhyashana.
 - (B) Mention the importance of Anupana in brief.
 - (C) Mention the qualities of Triphala.
 - (D) Describe the Karma of Katu Rasa.
 - (E) Describe the features of Sama-Dosha. SAAMA
 - (F) Mention the benefits of Ushnodaka.

SECTION - B

5. Describe the Yogya (suitable) and Ayogya (unsuitable) persons for Vamana and Virechana Vidhi. 10
6. Answer any four questions. 20
 - (A) Describe the indications and contra-indications of Dhumapana.
 - (B) Describe the importance of Basti.
 - (C) Explain the stanza in detail - "तैलमेव च नस्यार्थे नित्याभ्यासेन शस्यते ॥
शिरसः श्लेष्मधामत्वात्स्नेहाः स्वस्थस्य नेतरे ॥"
 - (D) Mention the suitable and unsuitable persons for Snehana Karma.
 - (E) Write a short note on: Jalaukavacharana Vidhi (Procedure of Leech application)
7. Answer any five questions.(two to three sentences) 10
 - (A) Mention the Anupana for different types of Sneha.
 - (B) Mention the types of Nasya.
 - (C) Write the benefits of oiling of the head (Murdha Taila).
 - (D) Mention the qualities of Kshara.
 - (E) Name the Ashtavidha Prakriti.
 - (F) What is Tantrayukti?

GUJARAT AYURVED UNIVERSITY, JAMNAGAR
AYURVEDACHARYA-(B. A. M. S.) EXAMINATION
FIRST PROFESSIONAL FEBRUARY - 2021
KRIYA SHARIR - PAPER - I

Time :- 9:30 a.m. to 12:30 p.m.

Marks : 100

Instructions : All the questions are compulsory.

SECTION – A

- 1 Explain the term “Dosha’ and describe “Vata dosha” in detail. 10
2. Answer any one question. 10
 - (A) Describe etiological factors responsible for Dosha Vriddhi and Kshaya.
 - (B) Write the Definition, synonyms, classification, location and functions of Agni.
3. Answer any four questions. 20
 - (A) Explain the general functions of Kapha.
 - (B) Write the definition and classification of Purusha.
 - (C) Write the Mutual relationship between Triguna, Tridosha & Panchmahabhuta.
 - (D) Write Ashta Aharavidhi Viseshayatana.
 - (E) Write the Definition and classification of Nishthapaka.
4. Answer any five questions. (two to three sentences) 10
 - (A) Write Ahara Parinamkar Bhava.
 - (B) Write the influencing factors of ”Deha-Prakriti”.
 - (C) Write general locations of “Pitta”.
 - (D) Explain Lok-Purusha Siddhanta.
 - (E) Explain Sara-Kitta Vibhajana.
 - (F) Write the characteristics of each type of Koshta.

SECTION – B

5. Explain the function of Liver in detail. 10
6. Answer any one question. 10
 - (A) Write about physiology of Autonomous nervous system.
 - (B) Describe the digestion process of small intestine.
7. Answer any four questions. 20
 - (A) Explain the functions of Saliva
 - (B) Write the sources, daily requirement, functions of Vitamin –C
 - (C) Write the Digestion and metabolism process of proteins.
 - (D) Explain the Physiology of temperature regulation.
 - (E) Write about resting membrane potential.
8. Answer any five questions. (two to three sentences) 10
 - (A) Give the full name of E.E.G. and C.S.F.
 - (B) Write the definition of homeostasis.
 - (C) Write the definition of Acid-base balance.
 - (D) Write two functions of phosphorus.
 - (E) Write the basic components of food in brief.
 - (F) Write the types of Gut Movements.

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FIRST PROFESSIONAL FEBRUARY - 2021

KRIYA SHARIR - PAPER - II

Time :- 9:30 a.m. to 12:30 p.m.

Marks : 100

Instructions : All the questions are compulsory.

SECTION – A

- 1 Describe the inter-relationship in between the “Dhatu” and “Upadhatu” and explain the characteristics of “Shuddha” and “Doshita Aartava”. 10
2. Answer any one question. 10
 - (A) Describe the inter-relationship among the *Atma-Mana-Sharira* and mention the functions and objects of *Mana*.
 - (B) Explain the characteristics of “*Shuddha Shukra, Shukrasara purusha*” and manifestations of “*Kshaya* and *Vridhhi*” features of “*Shukra Dhatu*”.
3. Answer any four questions. 20
 - (A) Mention the normal functions of “*Majja Dhatu*” and characteristics of “*Majja-Sara Purusha*”.
 - (B) Enumerate and describe the process of formation of “*Aharamala*”.
 - (C) कृत्स्नदेहचरो व्यानो । Explain it.
 - (D) Mention the manifestations of “*Vridhhi*” and “*Kshaya*” of “*Purisha*”.
 - (E) Mention the etiological factors and manifestations of “*OJAS Kshaya*”.
4. Answer any five questions. (two to three sentences) 10
 - (A) Mention the types of *Svapna*.
 - (B) Mention the names of *Karmendriya*.
 - (C) Mention the characteristic features of “*Meda sara Purusha*”.
 - (D) Mention the characteristics of “*Shuddha Rakta*”.
 - (E) Mention the manifestations of “*Asthi Vridhhi*” features.
 - (F) Mention the functions of “*Mamsa Dhatu*”.

SECTION – B

5. Explain the mechanism of blood coagulation. 10
6. Answer any one question. 10
 - (A) Define the functional anatomy of cardiovascular system.
 - (B) Explain about the molecular basis of skeletal muscle contraction.
7. Answer any four questions. 20
 - (A) Define about lipoproteins.
 - (B) Classify the endocrine gland hormones as per their chemical nature.
 - (C) Explain the functional anatomy of testis.
 - (D) Give the basic information about P wave, QRS complex and T wave in ECG.
 - (E) Give the general introduction about Jaundice.
8. Answer any five questions. (two to three sentences) 10
 - (A) Mention the names of posterior lobe pituitary gland hormones.
 - (B) Mention the names of process which are take places in the formation of urine.
 - (C) Mention the normal values of Hb% in male and female.
 - (D) What is the function of sweat gland?
 - (E) Mention the types of WBC
 - (F) Mention the normal heart rate and blood pressure values in adult.

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AYURVEDACHARYA-(B. A. M. S.) EXAMINATION
FIRST PROFESSIONAL FEBRUARY - 2021
RACHANA SHARIR - PAPER - I

Time :- 9:30 a.m. to 12:30 p.m.

Marks : 100

Instructions : All the questions are compulsory.

SECTION – A

- 1 Define Sandhi, its number and classification 10
2. Answer any one question. 10
 - (A) Describe Kala sharer in detail
 - (B) Describe the Ashaya its number and classification
3. Answer any four questions. 20
 - (A) Define Shareer, Shaareera and Shareer Gyan Prayojana
 - (B) Describe the Garbha vriddikara bhava (Shadbhava)
 - (C) मातृस्तु खलु रसवहायां नाड्यां गर्भनाभिनाडी प्रतिबद्धाः । Explain
 - (D) Define Srotas and write about Mutravaha Srotas
 - (E) Describe Koshtha and Koshthanga.
4. Answer any five questions.(two to three sentences) 10
 - (A) Define Kandara
 - (B) What is Karmendriya
 - (C) Describe the Aparā Nirmana
 - (D) Definition and number of Dhamani
 - (E) Define the Ruchakasthi
 - (F) What is Rutukal

SECTION – B

5. Describe heart with proper diagram 10
6. Answer any one question. 10
 - (A) Describe Scapula with its attachment, ossification, applied aspect and diagram.
 - (B) Describe Knee joint, its clinical aspect with diagram
7. Answer any four questions. 20
 - (A) Write the course and branches of Femoral artery
 - (B) Describe the Anatomical planes
 - (C) Definition and branches of embryology
 - (D) Applied aspect of lymphatic system
 - (E) Explain Axilla with its clinical importance
8. Answer any five questions.(two to three sentences) 10
 - (A) Enlist the carpals bones
 - (B) Define Cleavage
 - (C) Lymph node
 - (D) What is End artery?
 - (E) Reagents for preservation of cadaver
 - (F) First cervical vertebra

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FIRST PROFESSIONAL FEBRUARY - 2021
RACHANA SHARIR - PAPER - II

Time :- 9:30 a.m. to 12:30 p.m.

Marks : 100

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

SECTION-A

1. Write the definition and classification of glands and describe the thyroid gland. 10
 2. Describe the anatomy of pancreas with figure. 10
- OR**
- Explain the anatomy of larynx with diagram.
3. Answer any **Four** of the following : 20
 - A. Explain the anatomy of scrotum.
 - B. Write the difference between jejunum and ileum.
 - C. Describe the anatomy of ovary.
 - D. Explain the anatomy of ureter.
 - E. Describe the anatomy of caecum.
 4. Answer any **Five** of the following : 10
 - A. What is left colic (splenic) flexure ?
 - B. Write the borders and surfaces of testis (name only).
 - C. What is omentum ?
 - D. Write the blood supply of liver.
 - E. Give the introduction of nephron.
 - F. Write about cystic duct.

SECTION-B

5. Describe the anatomy of spinal cord with figure. 10
 6. Explain the anatomy of the tongue with figure. 10
- OR**
- Describe the anatomy of the pons with diagram.
7. Answer any **Four** of the following : 20
 - A. Explain the retina of the eye.
 - B. Describe the C.S.F. (Cerebro Spinal Fluid).
 - C. Write about types of neurons.
 - D. Describe the anatomy of Internal ear.
 - E. Explain the trigeminal nerve.
 8. Answer any **Five** of the following : 10
 - A. Write about Grey Matter.
 - B. Write the surface anatomy of appendix.
 - C. What is nerve ?
 - D. Explain the corpus callosum.
 - E. Write about subdural space.
 - F. Write about pupil.
