

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

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

Marks : 100

Instructions : All the questions are compulsory.

SECTION - A

- 1 Describe the Lakshana and Classification of Dravya in detail. 10
2. Answer any one question. 10
- (A) Write the Lakshana and Guna of Aatma according to Charak.
(B) What is the Lakshana of Mana ? Write the roll of Mana in Gyanotpatti process.
3. Answer any four questions. 20
- (A) Define the word Siddhanta and write its types.
(B) Write the classification and authors of Darshanas.
(C) शरीरं सत्वसंज्ञं च व्याधीनामाश्रयो मतः । Explain the stanza in detail.
(D) Write the Lakshana and composition of Ayu.
(E) Explain the utility of Kala in Ayurveda.
4. Answer any five questions. (two to three sentences) 10
- (A) Write the Lakshana of Padartha.
(B) Write the qualities of Agni Mahabhuta.
(C) Write the relationship between Panchamabhuta and Triguna.
(D) Define Sukshma Sharira.
(E) Write the Padartha mentioned in Nyaya Darshana.
(F) Write the name of Ashtanga Yoga.

SECTION - B

5. Write the derivation and enumeration of Guna according to Ayurveda. 10
6. Answer any one question. 10
- (A) Write the definition and applied aspect of Karma in Ayurveda.
(B) Describe the Paradi Guna in detail.
7. Answer any four questions. 20
- (A) Define Samanya and write the practical aspect of Samanya in Ayurveda.
(B) Explain "Pravruttirubhayasya tu".
(C) समवायोऽपृथग्भावो भूम्यादीनां गुणैर्मतः । Explain the stanza in detail.
(D) Write the Lakshana and types of Vishesha.
(E) Write the Lakshana and classification of Abhava.
8. Answer any five questions. (two to three sentences) 10
- (A) Write the definition of Buddhi.
(B) Write any two Vishesha Dravya for Vata Vruddhi.
(C) Write the qualities of Raja Guna.
(D) Define Sukha and Dukha.
(E) Write the utility of Shabda Guna in Ayurveda.
(F) Write the difference between Snigdha and Shlakshana Guna.

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.

GUJARAT AYURVED UNIVERSITY, JAMNAGAR

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

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.

GUJARAT AYURVED UNIVERSITY, JAMNAGAR
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

GUJARAT AYURVED UNIVERSITY, JAMNAGAR
AYURVEDACHARYA-(B. A. M. S.) EXAMINATION
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.
