

GUJARAT AYURVED UNIVERSITY, JAMNAGAR
AYURVEDACHARYA-(B. A. M. S.) EXAMINATION
FIRST PROFESSIONAL MAY-2019
PADARTHA VIGYANAM- PAPER - I

Date: 09 -05-2019
Thursday

Time :- 9:30 a.m. to 12:30 p.m.
Marks : 100

Instructions : All the questions are compulsory.

SECTION - A

- 1 Explain the importance of Ayurvediya Padartha Vigyan along with examples. 10
2. Answer any one question. 10
 - (1) Describe the classification of Dravyas in detail.
 - (2) Explain the meaning of word "Darshana" and give introductory note on the important concept of Sankhya Darshana applicable in Ayurveda.
3. Answer any four questions. 20
 - (1) Describe the importance of Mana in diagnosis and treatment of disease.
 - (2) What is the definition of Siddhanta ? How many types are there described in Ayurveda.
 - (3) आत्मा ज्ञः करणयोगात्त्वानं तु अस्य प्रवर्तते ।
करणानाम् अवैमल्यात् अयोगाद्ब्रह्म वल्लते ॥ Explain the stanza in detail.
 - (4) Describe the characteristic features, types and Adhithana of Atma.
 - (5) Explain in brief refutation of Tama as Karana Dravya.
4. Answer any five questions. 10
 - (1) Describe the definition, synonyms and uses of Ayu.
 - (2) Which kind of relation is there in between Aakasha Mahabhuta and Apratighatavta ? How?
 - (3) Explain the usage of Kala in the connection to taking medicine.
 - (4) Mention the Guna of Panchamahabhuta.
 - (5) Explain the existence of Atma other than the body.
 - (6) What is the difference between Chetana and Achetana according to Ayurveda.

SECTION - B

5. Describe the synonyms, characteristics and types of Karma Padartha. Explain its utility in medical field. 10
6. Answer any one question. 10
 - (1) Describe the characteristics features of Samanya and write the examples of Dravya Samanya - Guna Samanya and Karana Samanya regarding Pitta Dosha.
 - (2) Write the characteristics of Abhava Padartha, describe its types along with examples.
7. Answer any four questions. 20
 - (1) Write the clinical utility of Samavaya.
 - (2) Explain the verse with examples – विशेषस्तु पृथक्त्व कृत् ।
 - (3) Clarify the difference between Samavaya and Samyoga.
 - (4) Enlist Sharira Gunas and explain any ten from them.
 - (5) Define Paratva – Aparatva and in which Kaarana Dravya they are been used ?
8. Answer any five questions. 10
 - (1) Write the characteristics features of Manda and Tikshna Guna along with one example of each.
 - (2) 'Absence of hair on scalp in old age' is the example of which type of Abhava ?
 - (3) Explain the meaning of गुणाः गुणाश्रया नोक्ता ।
 - (4) Explain the meaning of कर्मनान्यदपेक्षते ।
 - (5) Whether Abhava Padartha accepted by Ayurveda ? Explain with examples.
 - (6) Enlist four Vishsha Dravya to Vata Dosha.

GUJARAT AYURVED UNIVERSITY, JAMNAGAR

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

FIRST PROFESSIONAL MAY-2019

PADARTHA VIGYAN AND AYURVEDA ITIHAS - PAPER - II

Date: 10-05-2019

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

Friday

Marks : 100

Instruction - All the questions are compulsory.

SECTION - A

1. Define "Kaarya-Kaarana Vada" and also write their importance in Ayurveda. 15
2. **Answer any two out of three questions.** 20
 - (1) Explain characteristics of Upamana according to Ayurveda and describe its utility with examples.
 - (2) Explain the therapeutic utility of Anumana Pramana with examples.
 - (3) Explain the cognition process (Gyanotpatti Prakriya) through Pratyaksha and prove the Bhautikatva of Indriya.
3. **Answer any six out of seven questions.** 30
 - (1) Write the feature of sacred book.
 - (2) Write the significance of 'Peelupaka' and 'Pitharapaka'.
 - (3) आसन्नोपदेशेन प्रत्यक्षकरणेन च ।
अनुमानेन च व्याधिन् सम्यग्विधाद्विचक्षणः । - Write in detail.
 - (4) Shabdarth bodhak Vritti.
 - (5) Explain the applied aspect of Yukti Pramana in therapy as well as research.
 - (6) What is Vyapti ? Write the importance of its knowledge in medical science.
 - (7) Write the types of Sannikarsha and explain Samyukta Samavaya Sannikarsha.
4. **Answer any five out of six questions.** 10
 - (1) Write about Panchavayava Vakya.
 - (2) Which is the Nimitta Kaarana in disease manifestation ?
 - (3) How the examination of Virya been carried out ?
 - (4) Describe Lakshanas of Apta.
 - (5) What is Indriya ? Explain the objects of Gyanendriya.
 - (6) Mention the tools for Shaktigraha.

SECTION - B

5. Define Ayurveda and explain the eternity of Ayurveda. 05
6. **Answer any two out of three questions.** 10
 - (1) Explain the cronological development of Charak Samhita and contribution of Acharya Dridhabala.
 - (2) Give the details of the central committees constituted for development of Ayurveda post independence era.
 - (3) Write the introduction and contribution of Acharya Sharangdhara with his time period.
7. **Answer any five out of six questions.** 10
 - (1) Write the etymological and syntactical derivation of 'Itihas' word.
 - (2) Write the introduction of Acharya Dalhana.
 - (3) What is the full form of TKDL ?
 - (4) Write the introduction of Gananath Sen.
 - (5) Who is Charaka Chaturanana ? Why he was honored with his name.
 - (6) Drug and Cosmetic act.

GUJARAT AYURVED UNIVERSITY, JAMNAGAR

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

FIRST PROFESSIONAL MAY-2019

SANSKRUTAM

Date: 11 -05-2019
Saturday

Time :- 9:30 a.m. to 12:30 p.m.
Marks : 100

Instructions : All the questions are compulsory.

SECTION - A

1. Write the उच्चारणस्थान the all alphabets. 10
2. Answer any one question. 10
- (A) Do the process of Sandhi with specify the rules (Sutra) regarding:
(A) धातृ + अंशः (B) गुरु + उदयः (C) गो + इन्द्रः (D) साक्षी + इत्युच्यते
- (B) Do the process of Sandhi with specify the rules (Sutra) regarding:
(A) पाक् + एव (B) उद् + लेखनम् (C) अधः + गति (D) सुश्रः + शीत
3. Answer any four questions. 20
- (1) Make Vachya Parivartana of the following sentences :
(A) अहं तिष्ठामि । (B) पाण्डवा वनं गतवन्तः । (C) स ग्रामं गच्छति ।
(D) सुशीलः बालः स्वकीयं पाठं पठति । (E) अहं पितरौ वन्दे ।
- (2) Prepare one sentence from each of the following verbs :
(A) अलभे (B) भवन्ति (C) तिष्ठेयुः (D) पश्यामि (E) ददति.
- (3) Write short note on : अव्ययीभावसमास ।
- (4) अधोलिखित शब्दैः सह प्रत्ययं योजयत ।
(A) बाल + टाप् (B) दक्ष + इञ् (C) यदु + अण् (D) नैतिक + डीप् (E) गुवा + मत्तुप
- (5) Where the Chaturthi Vibhakti is used ? Explain in the context of Karaka.
4. Answer any five questions. 10
- (1) Make the correction of sentence : गोविन्दो गोपालेन विद्वत्तरः ।
- (2) Make the correction of sentence : राधा आकाशं पश्यति ।
- (3) Make the correction of sentence : भवानस्य किं नाम ?
- (4) Translate the sentence in to English : वृक्षस्य फलं पतति ।
- (5) Translate the sentence in to English : जननी जन्मभूमिश्च स्वर्गादपि गरीयसी ।
- (6) Translate the sentence in to Sanskrit : Rashmi is playing with ball.

SECTION - B

5. न भयात् प्रणमेद् नेतृष्वमृदुः प्रणतेष्वपि सान्त्वनदानरुचिः । भवतीह सदा व्यथितास्यगतिः स भवेदिह 10
पित्तकृतप्रकृतिः । Translate in to English and explain Sandhi, Samasa and Roop of the same.
6. Answer any one question. 10
- (1) व्यायामः स्वर्यकराणाम् । Explain and write about physical exercise.
- (2) समदोषः समाग्निश्च समधातुमलक्रियः । प्रसन्नात्मेन्द्रियमनाः स्वस्थ इत्यभिधीयते ॥ Explain.
7. Answer any four questions. 20
- (1) Write short note on : Divine physician.
- (2) Write short note on : Bath.
- (3) Do the process of Sandhi : (A) च + अपि (B) तमसा + अभिप्रवर्धिते (C) बलवर्ण + अन्वितः
- (4) Write the name of Samasa : (A) त्रिविधा (B) भूलात्मा (C) शितोष्णम्
- (5) Identify the Roopa : (A) सोमः (B) पतति (C) प्राणिनाम्
8. Answer any five questions. 10
- (1) Write the main message of अपरिहितकारकम्.
- (2) What is the moral of the story of चक्रधर कथा ।
- (3) Explain the relation between animals and human being described in ब्राह्मणी नकुलकथा.
- (4) Translate the verse : शूरः सुरूपः सुभगश्च वाग्मी शास्त्राणि शास्त्राणि विदां करोतु ।
अर्थं विना नैव यशश्च मानं प्राप्नोति मर्त्योऽत्र मनुष्यलोके ॥
- (5) Translate the verse : कुद्रष्टं कुपरिज्ञातं कुश्रुतं कुपरीक्षितम् । तन्नरेण न कर्तव्यं नापितेनात्र यत्कृतम् ॥
- (6) Translate the verse :
वरं वृद्धिर्न सा विद्या विद्याया बुद्धिरुत्तमा । बुद्धिहीना विनश्यन्ति यथा ते सिंहकारकाः ॥

GUJARAT AYURVED UNIVERSITY, JAMNAGAR

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

FIRST PROFESSIONAL MAY-2019

MAULIK SIDDHANT AVUM ASHTANG HRIDAYA

Date: 13 -05-2019
Monday

Time :- 9:30 a.m. to 12:30 p.m.
Marks : 100

Instructions: All the questions are compulsory.

SECTION - A

- 1 Describe the types of Vata-Pitta-Kapha along with their functions in detail. 10
2. Answer any two questions. 20
 - (A) Describe the Sadvritta(Etiquette) mentioned in Ashtang Hriday in detail.
 - (B) Define the Samashana-Vishamashana-Adhyashana along with the Ahara Sevana Yogya Kala (proper time for intake of food).
 - (C) Describe about Santarpana and Apatarpana Chikitsa in detail.
3. Answer any four questions. 20
 - (A) Define Virya and write its types.
 - (B) Why Nidra is mentioned as an Upastambha of body?
 - (C) Explain this Sutra in detail – ‘चयो वृद्धि स्वधाम्न्येव प्रद्वेषो वृद्धिहेतुषु ॥’
 - (D) Mention about Adharaniya Vega (non-suppressible urges) and name the diseases caused by suppression of the urges of Purisha (faeces) and Mutra (urine).
 - (E) Write a short note on: Dadhi and Takra
4. Answer any five questions.(two to three sentences) 10
 - (A) Mention the Rasa Dhatu Kshaya Lakshana.
 - (B) Mention the key functions of Rasadi Dhatu.
 - (C) Name the Aushadha Sevana Kala.
 - (D) Describe the symptoms of Vishtabdhajirna.
 - (E) Define Ritu Sandhi.
 - (F) Mention the qualities of Trikatu.

SECTION – B

5. Describe the types of Sveda and benefits of Svedana Karma along with Yogya (suitable) and Ayogya (unsuitable) persons for it. 10
6. Answer any four questions. 20
 - (A) Write a short note on: Sneha Matra for Abhyantara Snehana.
 - (B) Write the characteristic features of Samyak Vamana and Samyak Virechana.
 - (C) Explain the stanza in detail – “उष्णोदकोपचारी स्याद् ब्रह्मचारी क्षपाशयः ।
न वेगरोधी व्यायामक्रोधशोकहिमातपान् ॥”
 - (D) Name the Tantraguna.
 - (E) Describe the importance of Basti.
7. Answer any five questions.(two to three sentences) 10
 - (A) Name any two Dravya useful for Virechana Karma.
 - (B) Name the types of Nasya.
 - (C) Describe the benefits of Mukhalepa.
 - (D) Mention the suitable time for administration of Anjana.
 - (E) Name any four Tantra Guna.
 - (F) Describe about Shashtra Lakshana.

GUJARAT AYURVED UNIVERSITY, JAMNAGAR

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

FIRST PROFESSIONAL MAY-2019

KRIYA SHARIR - PAPER - I

Date: 14 -05-2019
Tuesday

Time :- 9:30 a.m. to 12:30 p.m.
Marks : 100

Instructions : All the questions are compulsory.

SECTION - A

1. Explain the word "Kriyakala" and describe it in detail. 10
2. Answer any one question. 10
 - (A) Describe "Aharapaka" (Process of digestion) according to ayurved in detail
 - (B) Write the synonyms, classification, formation of Prakruti with the factors involved in its formation.
3. Answer any four questions. 20
 - (A) Explain the functions of Avalambaka Kapha.
 - (B) Describe different types of Jatharagni.
 - (C) Explain Samanya-Vishesha Siddhanta
 - (D) Explain Vata functions in detail
 - (E) अव्यक्तो व्यक्तकर्मा च.....। Explain it.
4. Answer any five questions. (two to three sentences) 10
 - (A) Write general locations of "Kapha".
 - (B) Give the importance of "Agni".
 - (C) Define sharira.
 - (D) Explain Lok-Purusha Siddhanta
 - (E) Explain Sara-Kitta Vibhajana.
 - (F) Explain the relationship between Tridosha and Rasa.

SECTION - B

5. Describe the physiology of vision in detail. 10
6. Answer any one question. 10
 - (A) What is homeostasis? Explain the mechanisms of maintenance of it.
 - (B) Write the sources, daily requirement, functions and manifestations of hypo and hyper vitaminosis of vitamin -A.
7. Answer any four questions. 20
 - (A) Write the composition of gastric juice.
 - (B) Write the Digestion and metabolism process of proteins.
 - (C) Explain the Physiology of speech.
 - (D) Write about neural and chemical mechanism of respiration.
 - (E) Write about artificial respiration.
8. Answer any five questions. (two to three sentences) 10
 - (A) Write the functions of hypothalamus.
 - (B) Write the names of vitamin - B complex.
 - (C) Write the full form of P.N.S. and A.N.S.
 - (D) Write sources, daily requirement of Iodine.
 - (E) Define ventilation.
 - (F) Write the names of salivary glands.

GUJARAT AYURVED UNIVERSITY, JAMNAGAR

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

FIRST PROFESSIONAL MAY-2019

KRIYA SHARIR - PAPER - II

Date: 15 -05-2019

Wednesday

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

Marks : 100

Instructions : All the questions are compulsory.

SECTION – A

- 1 Explain the “*Stanya Upadhatu*” in detail. 10
2. Answer any one question. 10
 - (A) Explain the step by step physiological process involved in the formation of Rasa Dhatu from “*Ahara*” ingestion to its digestion and also explain the Rasa-samvahana process.
 - (B) Explain the “*Shukra Dhatu*” in detail
3. Answer any four questions. 20
 - (A) Explain the “*Ashraya-Ashrayi bhava*” concept in detail.
 - (B) Define and classify the “*OJAS*”.
 - (C) Describe about the urine formation process as per “*Ayurveda*” concept.
 - (D) Mention the manifestations of “*Meda Dhatu Kshaya and Vriddhi*”
 - (E) Describe about the physiology of “*Svapnotpatti*” and mention the types of “*Svapna*”.
4. Answer any five questions. (two to three sentences) 10
 - (A) Mention the functions of “*Mana*”.
 - (B) Mention the functions of “*Majja Dhatu*”
 - (C) Mention the Anjali Pramana of “*Rasa and Rakta Dhatu*”.
 - (D) Mention the manifestations of “*Mamsa Dhatu Kshaya*”.
 - (E) Mention the Manifestations of “*Asthi Dhatu vriddhi*”.
 - (F) Define the “*Dhatu Sara*” term.

SECTION – B

5. Explain the mechanism of cardiac output regulation 10
6. Answer any one question. 10
 - (A) Explain about the hypersensitivity.
 - (B) Explain briefly about adrenal medulla.
7. Answer any four questions. 20
 - (A) Explain the functional anatomy of the Ovary.
 - (B) Explain about the Plasma proteins.
 - (C) Give the general introduction about arterial pulse.
 - (D) Give the general introduction about anaemia.
 - (E) Explain the mutual antagonist and reciprocal relationship among skeletal-cardiac-smooth muscle.
8. Answer any five questions. (two to three sentences) 10
 - (A) Mention the normal volume and Specific gravity of urine.
 - (B) Mention the normal values of blood LDL and HDL levels.
 - (C) Define the term muscle.
 - (D) Mention the layers of skin.
 - (E) Mention the normal functions of Platelets.
 - (F) Mention the normal Shape and count of RBC.

GUJARAT AYURVED UNIVERSITY, JAMNAGAR

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

FIRST PROFESSIONAL MAY-2019

RACHANA SHARIR - PAPER - I

Date: 16 -05-2019
Thursday

Time :- 9:30 a.m. to 12:30 p.m.
Marks : 100

Instruction - All the questions are compulsory.

SECTION - A

1. Explain the role of Tridosha and Panchamahabhuta in the fetal development. 10
2. Answer any one out of two questions. 10
 - (1) Describe the types and importance of Peshi.
 - (2) Write the types and description of Ashaya.
3. Answer any four out of five questions. 20
 - (1) Explain the Anguli Pramana.
 - (2) Describe the Shaarira Shastra Vibhaga.
 - (3) मनोवहानां पूर्णत्वाद्दोषैरतिबलैस्त्रिभिः ।
स्रोतसां दारुणान् स्वप्नान् काले पश्यति दारुणे ॥ - Explain.
 - (4) Write about Rujakara Marma.
 - (5) Explain the Anaahata Chakra.
4. Answer any five out of six questions. 10
 - (1) What is Seevani ?
 - (2) Explain Ida Nadi.
 - (3) Write the definition of Indriya.
 - (4) Explain the Taruna Asthi.
 - (5) Explain the Beejabhaga.
 - (6) Explain the Pittadhara Kalaa.

SECTION - B

5. Describe the germinal layers formation and their derivatives. 10
6. Answer any one out of two questions. 10
 - (1) Explain the Scapula bone with figure.
 - (2) Write about hip joint with its clinical anatomy.
7. Answer any four out of five questions. 20
 - (1) Explain the sex determination.
 - (2) Write the difference between the right and left atrium of the heart.
 - (3) Write about Lymph and explain the thoracic duct.
 - (4) Describe the origin, insertion nerve supply and action of pectoralis major muscle.
 - (5) Explain the structure of typical long bone.
8. Answer any five out of six questions. 10
 - (1) What is flexon ?
 - (2) Explain the Arch of Aorta. *Arch*
 - (3) What is tendon ?
 - (4) Write the definition of Anatomy.
 - (5) Write the name of the cranial bone.
 - (6) Write about prervation fluid. *Preservation*

GUJARAT AYURVED UNIVERSITY, JAMNAGAR

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

FIRST PROFESSIONAL MAY-2019

RACHANA SHARIR - PAPER - II

Date: 17 -05-2019
Friday

Time :- 9:30 a.m. to 12:30 p.m.
Marks : 100

Instructions : All the questions are compulsory.

SECTION – A

- 1 Enlist the various components of Digestive system with detail description of Duodenum. 10
2. Answer any one question. 10
 - (A) Describe the kidney with proper diagram.
 - (B) Define gland, its classification and describe pituitary gland in detail
3. Answer any four questions. 20
 - (A) Describe the Ovaries
 - (B) Write about the Pharynx
 - (C) Diaphragm its origin, insertion, openings, nerve supply and action.
 - (D) Explain the Vermiform Appendix
 - (E) Folds of Peritoneum
4. Answer any five questions.(two to three sentences) 10
 - (A) Difference between right and left lungs
 - (B) Enlist the ligaments of uterus
 - (C) Clinical anatomy of spleen
 - (D) Stomach bed
 - (E) Spermatic cord
 - (F) Blood supply of liver

SECTION – B

5. Define the nervous system, and explain spinal cord in detail. 10
6. Answer any one question. 10
 - (A) Describe the skin with proper diagram.
 - (B) Describe the cerebellum with its clinical anatomy.
7. Answer any four questions. 20
 - (A) Describe the floor of Fourth ventricle of brain
 - (B) Describe the meninges of brain in brief.
 - (C) Explain the Ear ossicles.
 - (D) Oculomotor nerve
 - (E) Sympathetic nervous system
8. Answer any five questions.(two to three sentences) 10
 - (A) Types of Neuroglia
 - (B) Clinical anatomy of medulla oblongata
 - (C) What is Ganglion?
 - (D) Cerebral aqueduct
 - (E) Formation of CSF
 - (F) MRI
