

GUJARAT AYURVED UNIVERSITY, JAMNAGAR

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

FIRST PROFESSIONAL MAY – 2018

PADARTHA VIGYANAM- PAPER - I

Date: 17-05-2018  
Thursday

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

**Instructions : All the questions are compulsory.**

**SECTION - A**

- 1 Describe the characteristics and importance of each and every Mahabhuta in Ayurveda. 10
2. Answer any one question. 10
  - (A) Describe the Sankhya Darshana and its influence on Ayurveda.
  - (B) Describe the importance of Padartha Vigyan in detail.
3. Answer any four questions. 20
  - (A) Define Siddhanta and classify it with examples.
  - (B) Classify Dravya according to Charaka Samhita.
  - (C) Complete and explain this stanza in detail. – “शरीरेन्द्रिय..... पययिरायुरुच्यते ॥”
  - (D) Describe the qualities and subjects of Mana.
  - (E) Explain the importance of Kala (काल) in Ayurveda.
4. Answer any five questions.(two to three sentences) 10
  - (A) Write any four points regarding the utility of Disha in Ayurveda.
  - (B) Define Chetana Dravya according to Charaka Samhita.
  - (C) Define Darshana and classify it in brief.
  - (D) Define Purusha and types of it according to Charaka Samhita.
  - (E) Write the names of Karana (कारण) Dravya.
  - (F) Write the types of Padartha according to Acharya Sushruta.

**SECTION – B**

5. Write the definition of Vishesha and describe the classification and clinical utility of it. 10
6. Answer any one question. 10
  - (A) Define Samavaya and describe the therapeutic importance of Samavaya in Ayurveda.
  - (B) Define and describe the classification of Abhav as per Darshana.
6. Answer any four questions. 20
  - (A) Describe the classification of Karma as per Nyaya Darshana.
  - (B) Define Samanya and describe the therapeutic importance of Samanya with examples.
  - (C) Explain this Sutra - “प्रवृत्तिरुभयस्य तु”
  - (D) Describe about Vaisheshik Guna.
  - (E) Explain the difference between Snigdha and Ruksha Guna with examples.
7. Answer any five questions.(two to three sentences) 10
  - (A) Fill the blank - ‘यस्य शोधने कर्मणि शक्तिः स.... ।’
  - (B) Define Karma according to Charaka Samhita.
  - (C) Define Vyavayi (व्यवायी) Guna.
  - (D) Write any four Samanya Dravya for Rasa Dhatu.
  - (E) Write the Pancha Mahabhautika composition of Vishada and Picchhila Guna.
  - (F) Define Abhyasa Guna with example.

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GUJARAT AYURVED UNIVERSITY, JAMNAGAR

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

FIRST PROFESSIONAL MAY – 2018

PADARTHA VIGYAN AND AYURVEDA ITIHAS - PAPER - II

Date: 18-05-2018

Friday

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

Marks : 100

**Instructions : All the questions are compulsory.**

**SECTION - A**

- 1 Define and describe the types of Karana (कारण) along with the significance of Karya and Karana Siddhanta in Ayurveda with examples. 15
2. Answer any two questions. 20
  - (A) Define the word 'Sannikarsha' and describe the types of Sannikarsha as per Darshana.
  - (B) Write a definition of Hetvabhasa and classify it.
  - (C) Define Yukti Pramana along with its importance in therapeutics and research.
3. Answer any six questions. 30
  - (A) Write about Abhidha and Lakshana Vritti with examples.
  - (B) Define Aptopadesha and describe the characteristic features of Apta Purusha.
  - (C) Explain this Sutra in detail – 'अविज्ञाततत्त्वेऽर्थे कारणोपपत्तितस्त्वज्ञानार्थमूहः तर्कः ।'
  - (D) Describe the causative factors responsible for Pratyaksha Anupalabdhi.
  - (E) Write a short note on: Svabhavoparama Vada.
  - (F) Write the utility of Upamana Pramana in Ayurveda.
  - (G) Describe the 'Jahat and Ajahat Lakshana' with examples.
4. Answer any five questions.(two to three sentences) 10
  - (A) Name the Panchavayava Vakya.
  - (B) Define the word 'Pariksha'.
  - (C) Define the word 'Prama'.
  - (D) What is Savikalpa Pratyaksha?
  - (E) Write the names of Trayodash Karana (thirteen types of tools to get the knowledge).
  - (F) How can we examine the Dhriti (धृति) of a person?

**SECTION – B**

5. Write a short note on: Samhita Kala 05
6. Answer any two questions. 10
  - (A) Describe the contribution of commentators of various Samhita in the field of Ayurveda.
  - (B) Write the contribution of Madhavakara in Ayurveda.
  - (C) Write the contents of Ashtang Hriday Samhita in brief.
7. Answer any five questions.(two to three sentences) 10
  - (A) Write the activities of RAV. (any two)
  - (B) Write the contribution of Acharya Yadavaji Trikamaji.
  - (C) Name the commentators of Ashtang Hriday Samhita.
  - (D) Who is the author of Bhavapraksha Samhita?
  - (E) What is the full form of CCIM?
  - (F) On which date the world health Day is celebrated ?

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GUJARAT AYURVED UNIVERSITY, JAMNAGAR

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

FIRST PROFESSIONAL MAY – 2018

SANSKRUTAM

Date: 19-05-2018  
Saturday

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

Instructions : All the questions are compulsory.

**SECTION - A**

- 1 Write the प्लुत संज्ञा and explain the classification of vowels. 10
2. Answer any one question. 10
  - (A) Do the process of Sandhi with specify the rules (Sutra) regarding:  
(A) अग्नि + आशय (B) सखा + इति (C) यथा + इच्छम् (D) सर्वदैक्यम्
  - (B) Do the process of Sandhi with specify the rules (Sutra) regarding:  
(A) पचेत् + वायुरेनित (B) इद् + निषेधः (C) पुनः + उद्दिष्टः (D) स्निग्धौ रुक्मः
3. Answer any four questions. 20
  - (1) Make Vachya Parivartana of the following sentences :  
(A) मयूरैः नृत्यते। (B) विशालः पितरं सेवते । (C) छात्राः प्रदर्शनी पश्यन्ति ।  
(D) राष्ट्रपतिना राष्ट्रं सम्बुध्यते । (E) सः आचार्यः भवति ।
  - (2) Prepare one sentence from each of the following verbs :  
(A) अरक्षाम (B) पश्यति (C) अजानात् (D) क्रिणातु (E) भ्रिये
  - (3) Explain it : उभयपदार्थ प्रधानो द्वन्द्वः ।
  - (4) अधोलिखित शब्दैः सह प्रत्ययं योजयत ।  
(A) अर्च् + क्त (B) जीव + ल्युट् (C) गम् + तव्य (D) जि + अनीयर् (E) द्रौण् + इञ्
  - (5) What is Adhikarana ? Write any four usage of the Adhikarana Kaaraka.
4. Answer any five questions. 10
  - (1) Make the correction of sentence : हेतलः पुत्रस्य कुप्यति ।
  - (2) Make the correction of sentence : गौ प्राणं त्यजति ।
  - (3) Make the correction of sentence : तौ गच्छावः ।
  - (4) Translate the sentence in to English : हितं मनोहारी च दुर्लभं वचः ।
  - (5) Translate the sentence in to English : तौ रामायणं अपठताम् ।
  - (6) Translate the sentence in to Sanskrit : Gentleman are always admirable.

**SECTION - B**

5. सुखस्पर्शप्रसंगित्वं दुःखद्वेषणलोलता । शक्तस्य चाप्यनुत्साहकर्मस्वालस्यमुच्यते ॥  
Translate in to English and explain Sandhi, Samasa and Roop of the same. 10
6. Answer any one question. 10
  - (1) शीतोष्णचैव वायुश्च त्रयः शरीरजा गुणाः । तेषां गुणानां साम्यं यत्तदाहुः स्वास्थ्य लक्षणम् ॥ Explain.
  - (2) अजीर्णे भेषजं वारि जीर्णे वारि बलप्रदम् । भोजने चामृतं वारि, भोजनान्ते विषप्रदम् ॥ Explain.
7. Answer any four questions. 20
  - (1) Explain : मनः शुद्धिश्च विज्ञेया धर्मेणाध्यात्मविद्यया ।
  - (2) Who is devine physician ? Why ?
  - (3) Do the process of Sandhi : (A) प्रकृतिर्जायते (B) क्षीरस्य + इव (C) भूत + आत्मा
  - (4) Write the name of Samasa : (A) गर्भव्याकरणम् (B) पयोधरौ (C) गन्धमाल्यम्
  - (5) Identify the Roopa : (A) वर्धते (B) प्राणाः (C) राज्ञौ
8. Answer any five questions. 10
  - (1) Write down the main performance (पात्र) of Aparikshitakaragam.
  - (2) Which things Bhairvananda gave to four Brahmins for earning wealth ?
  - (3) What is the moral of story of क्षपणक कथा.
  - (4) Translate the verses :  
कुपुत्रोऽपि भवेत् पुंसां हृदयानन्दकारकः । दुर्विनीतः कुरुपोऽपि, मुखोऽपि, व्यसनी खलः ॥
  - (5) Translate the verses :  
व्याधितेन सशोकेन चिन्ताग्रस्तेन जन्तुना । कामार्तेनाथ मतेन दृष्टः स्वप्नो निरर्थकः ॥
  - (6) Translate the verses :  
पतति कदाचिन्नसभः खाते, पातालेऽपि जलमेति । दैवमचिन्त्यं बलवद्, बलवान्नु पुरुषकारोऽपि ॥

GUJARAT AYURVED UNIVERSITY, JAMNAGAR

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

FIRST PROFESSIONAL MAY – 2018

MAULIK SIDDHANT AVUM ASHTANG HRIDAYA

Date: 21-05-2018

Monday

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

Marks : 100

**Instructions: All the questions are compulsory.**

**SECTION - A**

1. Describe the need of the creation of '*Ashtaanga Hridayam*' and explain the '*Vyaadhi Saadhyaasaadhyataa* (prognosis of a disease)' 10
2. Answer any two questions. 20
  - (A) Describe the '*Sharad Rutucharyaa* (regimen of the Autumn)'.
  - (B) Write the causes of '*Oja kshaya* (depletion of the *Ojas*)' and explain the *Dosha- dooshya aashrayaashrayi bhaava*.
  - (C) Explain the '*Adhaaraneeya Vega* (non- suppressible urges)'.
3. Answer any four questions. 20
  - (A) What is the definition of the *lamghana* (emaciation) and *brumhana* (nourishing)? Write the *lamghita lakshana* (characteristics of the emaciated).
  - (B) What are the *Doshaja, Karmaja, and Dosha-karmaja Vyaadhi* ? Write their treatment principle.
  - (C) आहारशयनाब्रह्मचर्यैर्युक्त्या प्रयोजितैः ।  
शरीरं धार्यते नित्यमागारमिव धारणैः ॥ Explain the stanza in detail.
  - (D) Write the actions of the '*Madhura rasa*'.
  - (E) Write the qualities and actions of '*Madhu (honey)*'.
4. Answer any five questions. (two to three sentences) 10
  - (A) Why is *Samshodhana* superior to *Shamana*?
  - (B) Write the dominance of the *dosha* in the *koshtha*.
  - (C) Write the names of the drugs in the '*Mahat- Panchamoola*'.
  - (D) What is *Vyaayaama Maatraa*?
  - (E) Write the names of any two chapters of the *Shaareera Sthaana* of *Ashtaanga Hridayam*.
  - (F) Define the *Swatantra Vyaadhi*.

**SECTION – B**

5. Describe the *Vamana* and *Virechana* under these headings – 10
  - a. *lakshana* (definition)
  - b. *yoga- ayoga and atiyoga lakshana* (characteristics of proper, deficient and excess)
6. Answer any four questions. 20
  - (A) Write a short note on *Anaagni Sweda*.
  - (B) Define the *Avyakta* (non-manifest) and differentiate it from the *Purusha* (Soul).
  - (C) सर्वेषामक्षिरोगाणामादावाश्च्योतनं हितम् ।  
रुक्तोदकण्डूघर्षाश्रुदाहरागनिर्बर्हणम् ॥ Explain the stanza in detail.
  - (D) Write the characteristics of the *Vishuddha rakta purusha* (person having the pure blood).
  - (E) Write a short note on the *Anjana* (Collyrium).
7. Answer any five questions. (two to three sentences) 10
  - (A) How will you diagnose a foreign body in skin?
  - (B) Write the function of *Vikeshikaa*.
  - (C) Write any two '*Shastra dosha* (defects in the sharp instruments)'.
  - (D) Write the utility of the '*Naadi Yantra* (tubular instruments)'.
  - (E) Write the importance of the *Nasya*.
  - (F) Define the *Maatraa Basti*.

GUJARAT AYURVED UNIVERSITY, JAMNAGAR

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

FIRST PROFESSIONAL MAY – 2018

KRIYA SHARIR - PAPER - I

Date: 22-05-2018

Tuesday

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

Marks : 100

**Instructions : All the questions are compulsory.**

**SECTION – A**

- 1 Give the general introduction of “*Vata Dosha*” in detail. 10
2. Answer any one question. 10
  - (A) Define about the “*Avasthapaka*” and “*Nishthapaka*” in detail.
  - (B) Explain the Phenotypic characteristics of different “*Deha Prakriti*” as per “*Dosha*” and their Attributes relationship.
3. Answer any four questions. 20
  - (A) What are the benefits of having a proper knowledge of “*Kriyakala*” concept?
  - (B) Explain the “*Samanya-Vishesha*” Principle.
  - (C) Write down the definition and synonyms of the term “*Sharir*”.
  - (D) Mention the general locations and normal functions of “*Kapha Dosha*”.
  - (E) Mention the manifestations of “*Pitta Dosha’s Kshaya and Vriddhi*” features.
4. Answer any five questions. (two to three sentences) 10
  - (A) Mention the “*Mula*” of “*Aartavaha Srotas*”.
  - (B) Mention the functions of “*Ranjaka Pitta*”.
  - (C) Define the term “*Grahani*”
  - (D) Explain the importance of “*Kriyasharir*” subject.
  - (E) Mention the “*Udana Vayu*” functions
  - (F) Mention the etiological factors responsible for “*Kapha Vriddhi*”.

**SECTION – B**

5. Give the general introduction about homeostasis in detail. 10
6. Answer any one question. 10
  - (A) Explain the neural control of respiration.
  - (B) Give the general introduction about the Autonomic nervous system.
7. Answer any four questions. 20
  - (A) Define the term resting membrane potential and action potential.
  - (B) Explain the functions of liver.
  - (C) Explain the digestion and metabolism of fats in GIT.
  - (D) Explain the functions of occipital lobe of cerebral cortex.
  - (E) Explain about the pain pathway.
8. Answer any five questions. (two to three sentences) 10
  - (A) Define the term Tidal Volume.
  - (B) Mention the proteolytic enzymes of Pancreatic juice.
  - (C) Mention the normal functions of Mitochondria
  - (D) Define the term Vitamins
  - (E) Give the full form of EEG
  - (F) Mention the parts of stomach.

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GUJARAT AYURVED UNIVERSITY, JAMNAGAR

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

FIRST PROFESSIONAL MAY – 2018

KRIYA SHARIR - PAPER - II

Date: 23-05-2018

Wednesday

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

Marks : 100

**Instructions : All the questions are compulsory.**

**SECTION – A**

- 1 Explain the physiology of urine formation process as per Ayurveda concept and mention the normal functions of *Mutra* and manifestations of "*Mutra Vriddhi* and *Kshaya*". 10
2. Answer any one question. 10
  - (A) Explain the "*OJAS*" in detail.
  - (B) Describe about the "*Meda Dhatu*" formation, mention the characteristics of "*Meda Sara Purusha*" and manifestations of "*Meda Dhatu Kshaya* and *Vriddhi*".
3. Answer any four questions. 20
  - (A) Classify the "*Tvaka*" as per *Ayurveda* in term of its thickness and functions.
  - (B) Mention the functions and objects of "*Manas*".
  - (C) रसाद रक्तं ततो ..... । explain it.
  - (D) Mention the characteristics of "*Majja* and *Shukra Sara Purusha*"
  - (E) Explain the assessment criteria's of "*Shuddha* and *Dushita Stanya*".
4. Answer any five questions. (two to three sentences) 10
  - (A) Mention the types of "*Nidra*"
  - (B) Mention the normal functions of "*Rakta Dhatu*".
  - (C) Mention the normal functions of *Sweda*.
  - (D) Mentions the types of "*Jnyanendrya*'s.
  - (E) Mention the characteristics of "*Satva Sara Purusha*."
  - (F) Mention the functions of "*Asthi Dhatu*"

**SECTION – B**

5. Explain the endocrine functions of pancreas gland. 10
6. Answer any one question. 10
  - (A) Explain the erythropoecis process in detail.
  - (B) Explain the spermatogenesis process in detail.
7. Answer any four questions. 20
  - (A) Explain the clinical significance of RH incompatibility.
  - (B) Explain about the Renin angiotensin mechanism.
  - (C) Mention the physiological functions of skin and sweat gland.
  - (D) Give the basic information about PR interval, RR interval and ST segment in ECG.
  - (E) Explain the physiological aspects of cardiac muscle.
8. Answer any five questions. (two to three sentences) 10
  - (A) Mention the location of Defecation centre and autonomic innervations for the act of defecation.
  - (B) Mention the types of Immunity.
  - (C) Mention the female reproductive organs.
  - (D) Mention the normal total cholesterol and Triglyceride level in blood.
  - (E) Mention the common anticoagulants for the laboratory purpose.
  - (F) Who are considering as Universal blood donor and Universal blood acceptor?

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

FIRST PROFESSIONAL MAY – 2018

RACHANA SHARIR - PAPER - I

Date: 24-05-2018  
Thursday

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

**Instructions : All the questions are compulsory.**

**SECTION – A**

- 1 Describe Masanumasik Garbhavruddhi in detail. 10
2. Answer any one question. 10
  - (A) Define Marma and write in detail about Rujakar Marmas
  - (B) Write the definition of Indriya and explain the Netra Shaareer in detail
3. Answer any four questions. 20
  - (A) Difference between Sira, Dhamani and Srotas
  - (B) Describe the Garbha Utpadak Bhava.
  - (C) तस्मात् समस्तगात्रम् -----चक्षुषा। Explain
  - (D) Describe the Twacha Shareer according to Sushruta
  - (E) Write about the Dhamani Marma
4. Answer any five questions.(two to three sentences) 10
  - (A) Define Karma Purusha
  - (B) Definition of Aashaya
  - (C) Describe the Shukradhara Kala
  - (D) Define Shuddha Artava
  - (E) Describe the Muladhara Chakra
  - (F) What is Seevani

**SECTION – B**

5. Describe Humerus with attachment, ossification, applied aspect and diagram. 10
6. Answer any one question. 10
  - (A) Describe formation of placenta with neat diagram
  - (B) Describe the classification of joint.
7. Answer any four questions. 20
  - (A) Describe Right atrium of heart
  - (B) Explain the procedure of Embalming
  - (C) Describe the classification of muscle
  - (D) Explain the Portal vein
  - (E) Explain the Popliteal fossa
8. Answer any five questions.(two to three sentences) 10
  - (A) Difference between artery and vein
  - (B) Classification of long bone
  - (C) Right lymphatic duct
  - (D) Blood supply of Heart
  - (E) Applied aspect of Radius
  - (F) What is ossification centre

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

FIRST PROFESSIONAL MAY – 2018

RACHANA SHARIR - PAPER - II

Date: 25-05-2018  
Friday

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

**Instructions : All the questions are compulsory.**

**SECTION – A**

- 1 Write the name of respiratory system organs and describe the anatomy of lungs with figure. 10
2. Answer any one question. 10
  - (A) Explain the location and anatomy of urinary bladder.
  - (B) Describe the peritoneum with its clinical aspects.
3. Answer any four questions. 20
  - (A) Write the difference between small and large intestine.
  - (B) Explain the anatomy of vagina.
  - (C) Write the location and anatomy of thymus gland.
  - (D) Explain the anatomy of gallbladder.
  - (E) Describe the anatomy of esophagus.
4. Answer any five questions.(two to three sentences) 10
  - (A) Write the covering of testis. (Name only)
  - (B) Write the border and surfaces of kidney. (Name only)
  - (C) Explain the layers of scrotum. (Name only)
  - (D) Give the introduction of bile duct.
  - (E) Write about ileocecal valve.
  - (F) Write the ligaments of liver. (Name only)

**SECTION – B**

5. Describe the anatomy of cerebellum with diagram. 10
6. Answer any one question. 10
  - (A) Write the anatomy of eye with figure.
  - (B) Describe the autonomic nervous system.
7. Answer any four questions. 20
  - (A) Explain the anatomy of internal ear.
  - (B) Describe the brachial plexus.
  - (C) Describe the coverings of the brain.
  - (D) Explain the anatomy of epidermis.
  - (E) Describe the nine regions of the abdomen.
8. Answer any five questions.(two to three sentences) 10
  - (A) Write about cerebral aqueduct.
  - (B) Write about trigeminal nerve.
  - (C) Explain the auditory ossicles.
  - (D) Write the types of papilla of tongue. (Name only)
  - (E) What is brain stem.
  - (F) Write the full form of USG and MRI.

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