

INSTITUTE OF TEACHING AND RESEARCH IN AYURVEDA, JAMNAGAR  
AYURVEDACHARYA-(B. A. M. S.) EXAMINATION  
FIRST PROFESSIONAL OCTOBER - 2022

SANSKRUTAM

Date: 08-10-2022  
Saturday

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

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

**SECTION – A**

1. Write the “उच्चारण स्थानानि” of all alphabets. 10
2. Answer any one question. 10
- (A) Do the process of Sandhi and specify the related rules (Sutra).  
(1) परम + ईश्वरः (2) ऋषि + उपासना (3) इन्द्र + ऐरावतः (4) नै + अकः  
(B) Do the process of Sandhi and specify the related rules (Sutra).  
(1) शिवस् + शरण्यः (2) धनुस् + टंकार (3) दिक् + ईशः (4) कविः + टीकते
3. Answer any four questions. 20
- (A) Perform the Vachya Parivartana of the following Sentences:

1. अनिलः फलम् खादति ।  
2. मया ग्रामं गम्यते ।  
3. बालकः क्रीडाम् क्रीडति ।  
4. विपुलेन दुग्धं न पीयते ।  
5. बालिकया गीतं गीयते ।

(B) Make one sentence from each of the following verbs:

- (A) पठन्ति (B) स्मरिष्यामः (C) अपचन् (D) गमिष्यामि (E) ददाति  
(C) Write a short note on: द्वन्द्वसमासः ।  
(D) अधोलिखित शब्दैः सह प्रत्ययं योजयत् ।  
(A) प्रथम + टाप् (B) देव + डीप (C) क्रीड + अनीयर् (D) स्ना + तुमुन् (E) अर्च + तल्य  
(E) Make any five sentences using पंचमीविभक्ति (Panchmi Vibhakti).

4. Answer any five questions. 10

- (A) Correct the sentence: शतानि छात्राः सन्ति ।  
(B) Correct the sentence: बालकः पितुः सह गृहम् गतः ।  
(C) Correct the sentence: वृक्षेण फलं पतति ।  
(D) Correct the sentence: रामः मम स्नेहपात्रः ।  
(E) Translate the sentence into Sanskrit: Doctor gives medicine to the patient.  
(F) Translate the sentence into English: भवान् मम मित्रम् अस्ति ।

**SECTION – B**

5. स्नायुभिश्च प्रतिच्छन्नान् सन्तां च जरायुणा । श्लेष्मणा वेष्टितांश्चापि कलाभागांस्तु तान् विदुः ॥ 10  
Translate into English and explain sandhi, samasa and roop of the same.
6. Answer any one question. 10  
(A) मान्त्रं भौमं तथाऽऽग्नेयं वायव्यं दिव्यमेव च । वारुणं मानसं चैव सप्त स्नानान्यनुक्रमात् ॥ Explain.  
(B) आन्तरीक्षमुदकानां (पथ्यतमत्वे श्रेष्ठतमम् ) Explain and write about water.

[P.T.O.]

7. Answer any four questions.

20

- (A) Write a short note on Vayu.
- (B) Write a short note on चत्वारि दानानि ।
- (C) Do the process of sandhi: (1) रजः +तमः (2) पञ्च + इन्द्रियाणि (3) सिरा +आदयः
- (D) Write the name of samasa: (1) गर्भव्याकरणम् (2) अदारारं (3) सरकतम्
- (E) Identify the Roopa: (1) पुण्ड्रिकेण (2) प्रवर्तते (3) शरीरेषु

8. Answer any five questions.

10

- (A) Write the main message of अपरिक्षितकारकम् ।
- (B) Write the name of five tantra of पञ्चतन्त्र ।
- (C) Write the moral of क्षणक कथा ।
- (D) Translate the verse.
- (E) कुट्टम् कुपरिजातं कुश्रुतं कुपरीक्षितम् । तन्नरेण न कर्तव्यं नापितेनाऽत्र यत् कृतम् ॥  
Translate the verse:
- (F) शीलं शौचं क्षान्तिर्दीक्षिण्यं मधुरता कुले जन्म । न विराजन्ति हि सर्वे वित्तविहीनस्य पुरुषस्य ॥  
अयं निजं परो वेति गणना लघुचेतसाम् । उदारचरितानान्तु वसुधैव कुटुम्बकम् ॥  
Translate the verse:

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INSTITUTE OF TEACHING AND RESEARCH IN AYURVEDA, JAMNAGAR  
AYURVEDACHARYA-(B. A. M. S.) EXAMINATION  
FIRST PROFESSIONAL OCTOBER - 2022  
PADARTHA VIGYANAM- PAPER - I

Date: 06-10-2022  
Thursday

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

Instructions : All the questions are compulsory.

**SECTION - A**

- 1 Elaborate the relationship between *Darshana* and *Ayurveda*.  
10
2. Answer any one question.  
10
- (A) Explain the *Panchamahabhuta* and write their importance in *Ayurveda*.  
(B) What do you mean by the 'Basic principles of *Ayurveda*'? Explain any four of them.
3. Answer any four questions. 20
- (A) What are the three characteristics of a *Padartha*? Explain them.
- (B) Describe the theory of creation (*Srishti Krama*) mentioned in *Ayurveda* classics.
- (C) Explain the stanza in detail.  
निर्विकारः परस्वात्मा सत्त्वभूतगुणेत्रिभ्यैः | चैतन्ये कारणं नित्यो दृष्टा पश्यति हि क्रियाः ||
- (D) Defining *Kaala*, describe its importance in clinical diagnosis and medication.
- (E) Define *Disha* and explain its classification.
4. Answer any five questions.(two to three sentences) 10
- (A) Write the *nirukti* of word '*Ayu*'.
- (B) Define *Yoga*.
- (C) Define *Achetan Dravya*.
- (D) What is *Linga Sharir*?
- (E) Enlist *Mano-Vishaya*.
- (F) Name any two synonyms of philosophical school of *Nyaaya*.

**SECTION – B**

5. Defining *Guna*, explain the *Paraadi Guna*. 10
6. Answer any one question. 10
- (A) Defining *Karma*, explain the types and utility of *karma* in *Ayurveda*.  
(B) Explain *Saamaanya* and detail its classification with examples.
7. Answer any four questions. 20
- (A) How are the *Guna* significant in understanding of the physiology of the body?  
(B) Explain the utility of *Vishesha Padartha* in treatment.  
(C) Explain the stanza in detail.  
अभावस्तु निषेधमुखप्रमाणगम्यो सप्तमो निरुच्यते | स चासमवायत्वे सत्यसमवायः ||
- (D) Write a short note on *Shlakshna-Khara guna*.  
(E) What is the clinical utility of *Samavaaya*?
8. Answer any five questions.(two to three sentences) 10
- (A) Define *Laghu Guna*.  
(B) Define *Sukha*.  
(C) What is the meaning of *Ayutsiddha*?  
(D) Give two examples of *Guna Vishesha*.  
(E) What is *Samyoga*?  
(F) What is *Dweshha*?

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

FIRST PROFESSIONAL OCTOBER - 2022

PADARTHA VIGYAN AND AYURVEDA ITIHAS - PAPER - II

Date: 07-10-2022

Friday

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

Marks : 100

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

**SECTION - A**

1. Detail the definition of *Pramana*. Explain its significance in *Ayurveda* and enlist the number of *Pramanas* accepted in different philosophical schools including *Ayurveda*. 15
2. Answer any two questions. 20
  - (A) What do you mean by *Aptopadesha Pramana*? Explain its importance in research.
  - (B) Describe the six varieties of *Sannikarsha*.
  - (C) Explain the significance of *Anumana* in understanding of *Ayurveda* physiology, diagnosis and research.
3. Answer any Six questions. 30
  - (A) Write the definition and importance of *Upamana* in *Ayurveda*.
  - (B) Write a short note on *Peelupaka*.
  - (C) Explain the stanza in detail.  
असदकरणदुपादानग्रहणात् सर्वसंभवाभावात् शक्तस्यशक्यकरणात् कारणभावाच्चसत्कार्यम्॥
  - (D) Write a short note on *Swabhaava vaada*.
  - (E) Write a note on *Parinaamvaada*.
  - (F) Write a short note on *Trividha Kaarana*.
  - (G) Write a short note on *Hetvaabhaasa*.
4. Answer any five questions.(two to three sentences) 10
  - (A) Which philosophical school is called *Anumaana Shaastra*?
  - (B) What is *Anruta Shabda*?
  - (C) What is *Yogaja Pratyaksha*?
  - (D) What is *Drishtaanta*?
  - (E) Write any two examples of therapeutic utility of *Yukti*.
  - (F) Define *Karana* (करण)

**SECTION – B**

5. (A) Write a note on ‘Contribution of *Vagbhata*’. 5
6. Answer any two questions. 10
  - (A) Which books are known as *Laghutrayi* and what is their main subject matter?
  - (B) Explain the levels of formation of *Charaka Samhita*.
  - (C) Write a note on *Dhanvantari*.
7. Answer any five questions.(two to three sentences) 10
  - (A) Write the full name of *AJIA*.
  - (B) Which book is written by *Acharya Shodhal*?
  - (C) Who wrote *Chikitsa Kalika*?
  - (D) Name the commentary written by *Dalhana*.
  - (E) Write the full form of *NMPB*.
  - (F) Who is called *Charaka Chaturanand*?

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INSTITUTE OF TEACHING AND RESEARCH IN AYURVEDA, JAMNAGAR

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

FIRST PROFESSIONAL OCTOBER - 2022

MAULIK SIDDHANT AVUM ASHTANG HRIDAYA

Date: 10-10-2022

Monday

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

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

**SECTION – A**

- 1 Describe Dinacharya mentioned in Ashtanga Hridaya in detail. 10
2. Answer any two questions. 20
  - (A) Explain Dosh Vridhhi Kshaya Lakshana in detail.
  - (B) Mention the subject matter of Dvidividhaya Kramaniya Adhyaya and Explain it in detail.
  - (C) Describe Rasa Utpatti, Rasa-Dosha Relation, Rasa-Mahabhuta relation and mention Karma of six Rasas.
3. Answer any four questions. 20
  - (A) Name the Chikitsa Chatuspada and write characteristics of Rogi.
  - (B) Describe the Shishira Ritucharya.
  - (C) Explain the stanza in detail. “अभ्यंगमाचरेन्नित्यम्”.
  - (D) Brief note about features and treatment of Dandalasaka.
  - (E) Write a short note on Vipaka.
4. Answer any five questions. (Two to three sentences) 10
  - (A) Dashvidha Papakarma.
  - (B) Define Kaphaaghna Gana.
  - (C) Enlist the Types of Langhana.
  - (D) What is Bahya Roga Marga?
  - (E) Vyanvayu Karma.
  - (F) Kshina Rakta Dhatu Lakshana.

**SECTION – B**

5. Describe the types of Svedana Karma along with its benefits. 10
6. Answer any four questions. 20
  - (A) Mention the types of Aschotan.
  - (B) Short Note: Virechanavidhi.
  - (C) Explain the stanza in detail. “नासा हि शिरसो द्वार”.
  - (D) Short note: Dhumapana Vidhi.
  - (E) Short Note: Anjana Shalaka.
7. Answer any five questions. (Two to three sentences) 10
  - (A) Qualities of Shuddharakta.
  - (B) Siragata Shalya Lakshana.
  - (C) Define Avyakta.
  - (D) Define Hetvartha.
  - (E) Define Purvapaksha.
  - (E) Define Tantra Dosha.

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

FIRST PROFESSIONAL OCTOBER - 2022

KRIYA SHARIR - PAPER - I

Date: 11-10-2022

Tuesday

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

Marks : 100

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

**SECTION - A**

- 1 Define Agni, types of Agni and clarify it's similarities and dissimilarities with Pitta. 10
2. Answer any one question. 10  
(A) Define Prakriti and give detail description of Intra and extra uterine factors affecting Prakriti  
(B) Describe Shatkriyakaala in detail.
3. Answer any four questions. 20  
(A) Shwashaan Prakriya as per Ayurveda  
(B) Describe the role of Shad-Dhatupurush and its importance Kriya Sharir and Chikitsa  
(C) वायुस्तन्त्रयन्त्रधरः । Explain the stanza in detail.  
(D) Write about Ahar Parinamkar Bhav  
(E) Kapha Vriddhi-Kshaya Lakshana
4. Answer any five questions.(two to three sentences) 10  
(A) Definition of Sharir & Sharira.  
(B) General properties Kapha Dosha  
(C) Definition of Chhaya.  
(D) Definition of Strotasa  
(E) Etiological factors responsible for Vata Dosha Vriddhi.  
(F) Types Of Rajasika Prakriti (only name)

**SECTION - B**

5. Digestion and metabolism of Protein 10  
Answer any one question.  
(A) Write detail description of ANS  
(B) Transportation and exchange of gases
7. Answer any four questions. 20  
(A) Define homeostasis & write the components of homeostatic system  
(B) Exocrine functions of pancreas  
(C) Generation of action potential  
(D) Short note on Ventilation  
(E) Write the manifestation of hyper and hypovitaminosis of vitamin D
8. Answer any five questions.(two to three sentences) 10  
(A) Define negative feedback mechanism  
(B) Define Vital lung capacity  
(C) Write only full form of EEG and ECG  
(D) Define Neurotransmitters  
(E) Pontin centres for regulation of respiration  
(F) Name major salivary glands

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INSTITUTE OF TEACHING AND RESEARCH IN AYURVEDA, JAMNAGAR

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

FIRST PROFESSIONAL OCTOBER - 2022

KRIYA SHARIR - PAPER - II

Date: 12-10-2022  
Wednesday

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

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

**SECTION - A**

- 1 Explain Nindrotpatti and Svapnotpatti. Write types of Nindra and Svapna. Explain physiology & clinical significance of Nindra. 10
2. Answer any one question. 10
  - (A) Explain the etymology, derivation, synonyms, functions, properties & Pramana of Shukra Dhatu with Shukra Sara Purush Lakshana
  - (B) Explain Mutra Nirmana Prakriya in Ayurveda & manifestations of Vriddhi and Kshaya of Mutra.
3. Answer any four questions. 20
  - (A) BalaVriddhikara Bhava
  - (B) Ek-Kal Dhatuposhana Nayya
  - (C) स शब्दार्चिजलस्तानवदणुना विशेषणानुधावत्येवं शरीरं केवलम् | explain it
  - (D) Explain manifestation of Kshaya and Vriddhi of Mamsa and Meda Dhatu
  - (E) Ashry- Ashryi Bhava (mutual interdependence)
4. Answer any five questions.(two to three sentences) 10
  - (A) Mutra Vriddhi Kshaya Lakshana
  - (B) Define term Indriya
  - (C) Meda Sara Purusha Lakshana
  - (D) Anjali Pramana Of Sukra and Oja
  - (E) Differences between Raja and Artava (any two)
  - (F) Write name of Gynendriya with their objects

**SECTION – B**

5. Give detail description of Adrenal gland hormones and its functions 10
6. Answer any one question. 10
  - (A) Explain menstrual cycle and hormonal changes during menstrual cycle.
  - (B) Explain Physiology of muscle contraction.
7. Answer any four questions. 20
  - (A) E.C.G leads
  - (B) Brief note on types of immunity
  - (C) Ventricular events in cardiac cycle
  - (D) Counter current multiplier and counter current exchanger
  - (E) Write functions of skin in details.
8. Answer any five questions.(two to three sentences) 10
  - (A) What is good cholesterol and bad cholesterol ?
  - (B) Define spermatogenesis
  - (C) Normal value of RBCs and platelets
  - (D) Define Deification reflex
  - (E) Define Tachycardia and bradycardia
  - (F) What is Rh incompatibility ?

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

FIRST PROFESSIONAL OCTOBER - 2022

RACHANA SHARIR - PAPER - I

Date: 13-10-2022  
Thursday

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

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

**SECTION - A**

- 1 Write the definition and types of Kalaa. 10
2. Answer any one question. 10  
(A) Define Garbha and Explain the Masaumasika Garbha Vriddhi - Krama.  
(B) Define Marma and explain Kalantar Praanahara Marma in detail.
3. Answer any four questions. 20  
(A) Explain the Anga Pratyanga Utpatti.  
(B) Write the importance of Anguli Pramana  
(C) पञ्चाभिभूतास्त्वथपञ्चकृत्वःपञ्चेन्द्रियं पञ्चसुभावयन्ति ।  
पञ्चेन्द्रियपञ्चसुभावयित्वापञ्चत्वमायात्तिविनाशकाले ॥ Explain the stanza in detail.  
(D) Describe the Sudha Shukra and Shudha Artava Lakshana.  
(E) Explain the types of Asthi Sandhi.(According to Ayurveda)
4. Answer any five questions.(two to three sentences) 10  
(A) Write the definition of Sharira  
(B) Explain the Seevani  
(C) Write about Valaya Asthi  
(D) Write the definition of Srotas  
(E) Explain the Sushumna Nadi  
(F) Write about Adhipati Marma

**SECTION - B**

5. Explain Scapula bone along with figure. 10
6. Answer any one question. 10  
(A) Describe the anatomy of the sperm and ovum along with figure.  
(B) Explain the knee joint along with figure.
7. Answer any four questions. 20  
(A) Describe the Sex determination  
(B) Write the difference between right and left atrium.  
(C) Explain the anatomy of Atlas vertebra  
(D) Describe the Lymph gland  
(E) Write the Origin, insertion, actions and nerve supply of Gluteal maximus and Sartorius muscles.
8. Answer any five questions.(two to three sentences) 10  
(A) Write the definition of Fetus  
(B) Write the name of facial bones  
(C) Write about Pulmonary valve  
(D) Define the term Flexion and Extension  
(E) Write about Coronal plane  
(F) Write about Arch of aorta

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FIRST PROFESSIONAL OCTOBER - 2022

RACHANA SHARIR - PAPER - II

Date: 14-10-2022  
Friday

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

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

**SECTION - A**

- 1 Describe the anatomy of Kidney along with figure. 10
2. Answer any one question. 10
  - (A) Explain the anatomy of Liver along with figure.
  - (B) Describe the anatomy of Uterus along with figure.
3. Answer any four questions. 20
  - (A) Explain the anatomy of Spleen
  - (B) Write the difference between small and Large intestine
  - (C) Explain the anatomy of Ovary
  - (D) Describe the Pharynx
  - (E) Explain the Thyroid and Parathyroid glands.
4. Answer any five questions.(two to three sentences) 10
  - (A) Write about Epididymis
  - (B) Explain the Parts of Male Urethra
  - (C) Write about Lung root
  - (D) Write about Pancreatic duct
  - (E) Write about Mesentery
  - (F) Write about Epiglottis

**SECTION – B**

5. Explain the Ear along with figure. 10
6. Answer any one question. 10
  - (A) Describe the Pons along with figure.
  - (B) Explain the Peripheral nervous system.
7. Answer any four questions. 20
  - (A) Explain the Retina
  - (B) Describe the Lumber plexus
  - (C) Explain the Hypothalamus
  - (D) Describe the Nasal cavity
  - (E) Explain the Importance of radiological anatomy
8. Answer any five questions.(two to three sentences) 10
  - (A) Write about Pupil
  - (B) Write about Covering of Brain (Name only)
  - (C) Introduction of Cerebrospinal Fluid
  - (D) Types of Neuroglia (Name only)
  - (E) Explain the surface marking of Appendix
  - (F) Write the Papillae of Tongue (Name only)

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