

GUJARAT AYURVED UNIVERSITY, JAMNAGAR

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

FIRST PROFESSIONAL EXAMINATION : MARCH-2022

KRIYA SHARIR - PAPER – I

Date : 26/03/2022
Saturday

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

Instructions : All the questions are compulsory.

SECTION - A

- 1 Describe Kapha Dosha in detail. 10
2. Answer any one question. 10
 - (A) Describe Ahara Vidhi Vidhan (dietary rules) in detail.
 - (B) Explain the process of genesis temporary(अवस्था) and permanent(निष्ठा) Doshas in the body.
3. Answer any four questions. 20
 - (A) Functions of Avikaraj Pitta.
 - (B) Explain Dhatvagni.
 - (C) सत्वमात्मा शरीरं । Complete the verse and explain it.
 - (D) Definition, symptoms and types of Prakruti.
 - (E) Role of Grahani in food digestion.
4. Answer any five questions. (two to three sentences) 10
 - (A) What is Sharira (शरीर) ?
 - (B) Name the Vayu responsible for speech.
 - (C) Functions of Shleshak Kapha.
 - (D) Types of Ahara according to Rasa (taste).
 - (E) Define 'Mala'.
 - (F) Types of Alochaka Pitta.

SECTION – B

5. Process of digestion and absorption in large intestine. 10
6. Answer any one question. 10
 - (A) Write the physiology of speech and articulation.
 - (B) Write sources, types, daily requirements and functions of Vitamin-B.
7. Answer any four questions. 20
 - (A) Write the functions of Cerebrum.
 - (B) Functions of Pancreas.
 - (C) Write about sources and functions of Vitamin-D.
 - (D) Write a short note on minerals.
 - (E) Write about artificial respiration.
8. Answer any five questions. (two to three sentences) 10
 - (A) What is residual volume ?
 - (B) Name the Bile salts.
 - (C) What is active transportation ?
 - (D) Define Homeostasis.
 - (E) Source of Vitamin B₁₂.
 - (F) Full form of PNS & ANS.

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

FIRST PROFESSIONAL EXAMINATION : MARCH-2022

KRIYA SHARIR - PAPER – II

Date : 28/03/2022
Monday

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

Instructions : All the questions are compulsory.

SECTION - A

1. What is Sara, write the importance of Sara Pariksha and describe about Satva Sara. 10
2. Answer any one question. 10
 - (A) Describe Rasa Dhatu.
 - (B) Describe Dhatu Poshan Nyay.
3. Answer any four questions. 20
 - (A) Short note on Twak.
 - (B) Write about Trividh Oja Vikruti.
 - (C) स्फटिकाभम् द्रवं.....| Explain the stanza in detail.
 - (D) Write the characteristic features of Asthi Sara Purusha.
 - (E) Write the Guna, Vishaya and Karma of Mana.
4. Answer any five questions.(two to three sentences) 10
 - (A) Write the Dhatus and their respective Malas.
 - (B) Write only types of Nidra.
 - (C) Write Anjali Pramana of Stanya and Shukra.
 - (D) Write the Mula Sthana of Majjavaha Srotas.
 - (E) Write only names of Twak layer.
 - (F) Write the Dhatus and their respective Updhatus.

SECTION – B

5. What is immunity, write its classification and describe T cell and B cell immunity. 10
6. Answer any one question. 10
 - (A) Describe thyroid and adrenal gland.
 - (B) Describe cardiac cycle.
7. Answer any four questions. 20
 - (A) Write a short note on anticoagulants.
 - (B) Write the difference between physiology of skeletal muscle, cardiac muscle and smooth muscle.
 - (C) Write composition, function and types of bone marrow.
 - (D) Write short note on thyroid gland.
 - (E) Describe oogenesis.
8. Answer any five questions.(two to three sentences) 10
 - (A) Write only names of hormones secreted by adrenal gland.
 - (B) Write the full form of VLDL and HDL.
 - (C) Define Immunity.
 - (D) Write the normal value of PCV and HB% .
 - (E) Write only names of stages of urine formation.
 - (F) Define pulse pressure and write its normal value.

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FIRST PROFESSIONAL EXAMINATION : MARCH-2022

MAULIK SIDDHANT AVUM ASHTANG HRIDAYA

Date : 25/03/2022

Friday

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

Marks : 100

Instructions : All the questions are compulsory.

SECTION – A

1. Describe Viruddhaahara (incompatible food) in detail. 10
2. Answer any two questions. 20
 - (A) Describe Roganutpaadaniya Adhyaya and its importance in maintenance of health.
 - (B) Describe the types of Pitta and Kapha in detail.
 - (C) Describe the Karma of Prakruta- Vriddha and Kshina Doshas.
3. Answer any four questions. 20
 - (A) Describe Sharad Ritucharya.
 - (B) Write a short note on: Chikitsa Chatuspad.
 - (C) वयोऽहोरात्रिभुक्तानां तेऽन्तमध्यादिगाः क्रमात् - Explain the stanza in detail.
 - (D) Define Shodhana and Shamana with its types.
 - (E) Describe types of diseases based on different criteria.
4. Answer any five questions. (two to three sentences) 10
 - (A) Write the Lakshana of Amla Rasa.
 - (B) Write the types of Kaala.
 - (C) Define Vipaaka. Give one example.
 - (D) Write the general properties of Kshira (milk).
 - (E) In what quantity food should be consumed?
 - (F) Mention the ingredients of Chaturjaat.

SECTION – B

5. Describe types of Nasya, its indications-contraindications and Nasya Vidhi in detail. 10
6. Answer any four questions. 20
 - (A) Write a short note on: Tarpana Karma.
 - (B) Describe types of Bandha (bandages).
 - (C) सर्वेषामक्षिरोगाणामादावाञ्चोतनं हितम् । - Explain the stanza in detail.
 - (D) Write types and indications of Murdha Taila (oiling on head).
 - (E) Write a short note on: Shiravedha (venesection)
7. Answer any five questions. (two to three sentences) 10
 - (A) Write the features of Swastika Yantra.
 - (B) Write the Lakshana of Samyak Snehana (proper oleation).
 - (C) Why Snehana-Swedana should be performed before Shodhana therapy?
 - (D) What is the maximum Pratyagama Kaala (withdrawal time) of Anuvasana and Niruha Basti?
 - (E) Name any four Shashtra Lakshana.
 - (F) Write about Prakriti-Vikriti.

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FIRST PROFESSIONAL EXAMINATION : MARCH-2022

PADARTHA VIGYAN EVUM AYURVEDA ITIHAS - PAPER – I

Time : 09:30 a.m. to 12:30 p.m.

Marks : 100

Instructions : All the questions are compulsory.

SECTION - A

- 1 Describe Chaturvidha Siddhanta with examples. 10
2. Answer any one question. 10
 - (A) Define and describe Purusha as mentioned in Ayurveda.
 - (B) Explain Lakshana and Bheda (classification) of Padartha.
3. Answer any four questions. 20
 - (A) Write a short note on 'Mana'.
 - (B) Write an introduction to Nyaya Darshana.
 - (C) Explain the stanza in detail - 'आत्मेन्द्रियार्थं संनिकर्षे ज्ञानस्य भावोऽभावश्च ।'
 - (D) Enumerate classification of Dravya.
 - (E) Write the process of Gyana Utpatti.
4. Answer any five questions.(two to three sentences) 10
 - (A) Define Dik.
 - (B) Name the types of Ayu.
 - (C) Write the qualities of Akash Mahabhuta.
 - (D) Enlist Astika Darshana.
 - (E) Write the Panchabhautika constitution of Tridosh.
 - (F) Write any four examples of Parthiva Bhaava in the body.

SECTION – B

5. Explain Samanya and Vishesh in general. 10
6. Answer any one question. 10
 - (A) Defining Guna, explain the Paraadi Guna with examples.
 - (B) Describe Karma in detail.
7. Answer any four questions. 20
 - (A) Write a note on – 'Ushna and Sheeta Guna'
 - (B) Explain relation between Dravya and Guna-Karma.
 - (C) Explain the stanza in detail - 'विश्वलक्षणा गुणाः ।'
 - (D) Give some examples of the approval of Abhaava in Ayurveda.
 - (E) How is the Samanya useful in treatment of a disease?
8. Answer any five questions.(two to three sentences) 10
 - (A) Define – 'Sanskaara Guna with example'.
 - (B) Write Nirukti of Karma
 - (C) Give two examples of Dravya Vishesha.
 - (D) Absence of teeth in an infant is which type of Abhaava?
 - (E) Write four examples of Samavaaya relation.
 - (F) Write examples of Karma according to Ayurveda.

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FIRST PROFESSIONAL EXAMINATION : MARCH-2022

PADARTHA VIGYAN EVUM AYURVEDA ITIHAS - PAPER – II

Date : 23/03/2022

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

Wednesday

Marks : 100

Instructions : All the questions are compulsory.

SECTION - A

- 1 Define Prama, Prameya and Pramana and write the importance of Pariksha. 15
- 2 Answer any two questions. 20
 - (1) Write the importance of Vada in Ayurveda along with its practical applicability.
 - (2) Describe Yukti Pramana.
 - (3) Define and explain Upamana in detail.
3. Answer any six questions. 30
 - (1) Describe the therapeutic utility of Aptopadesha Pramana.
 - (2) What is Pitharpaka? Explain.
 - (3) Complete and translate: "प्रत्यक्षपूर्वं त्रिविधं गर्भदर्शनात् ।।"
 - (4) Explain Ahetu as per Charak.
 - (5) Enlist types of Pramanas according to different texts.
 - (6) Write about Shabda Praman.
 - (7) Write about Sannikarsh.
4. Answer any five questions. (two to three sentences) 10
 - (1) Which type of Pramana indicates in "प्रीतिं तोषेण्"?
 - (2) Which type of Pramana indicates in "संज्ञा नामग्रहणेन"?
 - (3) Give the examples of Nirvikalpa Pratyaksha.
 - (4) Enlist Shabdartha Bodhaka Vritti.
 - (5) Define Aptopadesha according to Nyaya.
 - (6) What is Shaktigrah?

SECTION – B

5. Establishment of different committees, their recommendations. 5
- 6 Answer any two questions. 10
 - (1) Introduction to activities of WHO in the promotion of Ayurveda.
 - (2) Give brief introduction about Dhanvantari Parampara.
 - (3) Briefly describe the books included in Laghutrayi.
7. Answer any five questions. (two to three sentences) 10
 - (1) Full form of CCRAS.
 - (2) Full form of IPGTand RA.
 - (3) Name two books written by Acharya Chakrapani.
 - (4) Name the commentators of Charak Samhita.
 - (5) Enlist six Vedangas.
 - (6) Write about GAU, Jamnagar.

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FIRST PROFESSIONAL EXAMINATION : MARCH-2022

RACHANA SHARIR - PAPER – I

Date : 29/03/2022
Tuesday

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

Instructions : All the questions are compulsory.

SECTION - A

- 1 Write the definition, classification with example and number of Asthi in Shadanga according to Acharya Sushruta. 10
2. Answer any one question. 10
 - (A) Write the definition of Srotas and explain all the Yogavahi Srotas according to Acharya Sushruta.
 - (B) Define Marma and explain the Sadyahpranahara Marma in detail.
3. Answer any four questions. 20
 - (A) Explain the Mrita Shareera Samshodhana described in Sushruta Samhita.
 - (B) Explain the Matrujadi Shadbhavas.
 - (C) Explain 'ऋतुस्तु द्वादशरात्रं भवति दृष्टार्तवः' in detail.
 - (D) What is Anguli Pramana and write the importance of it.
 - (E) Write the types of asthi sandhi with example?
4. Answer any five questions.(two to three sentences) 10
 - (A) Write about the Seemanta.
 - (B) Write the definition of Sira and Dhamani.
 - (C) Write the number of Peshi in Shadanga. (According to Sushruta)
 - (D) Write the definition of Kalaa.
 - (E) Write the number and name of Gyanendria.
 - (F) Write the Shadadhatuj Purusha.

SECTION – B

5. Explain the foetal circulation along with figure. 10
6. Answer any one question. 10
 - (A) Explain the scapula bone, its muscle attachments, ossification and applied anatomy along with figure.
 - (B) Detail description of knee joint along with figure and its clinical anatomy.
7. Answer any four questions. 20
 - (A) Describe the conducting system of the human Heart.
 - (B) Write the origin, insertion and nerve supply of Deltoid and Subclavius muscle.
 - (C) Write about the lymphatic vessels.
 - (D) Write the difference between male and female pelvis.
 - (E) Explain the structure of sperm with figure.
8. Answer any five questions.(two to three sentences) 10
 - (A) Define the applied anatomy.
 - (B) Write the names of arteries used for cadaver preservation.
 - (C) Define the median plane.
 - (D) Layers of pericardium (names only).
 - (E) Write about the Tarsal bones (names only)
 - (F) Write the divisions of Mediastinum. (names only)

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FIRST PROFESSIONAL EXAMINATION : MARCH-2022

RACHANA SHARIR - PAPER – II

Date : 30/03/2022
Wednesday

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

Instructions : All the questions are compulsory.

SECTION - A

- 1 Write the anatomy of the Lung with figure. 10
2. Answer any one question. 10
 - (A) Explain the anatomy of large intestine with figure.
 - (B) Describe the anatomy of urinary bladder with figure.
3. Answer any four questions. 20
 - (A) Explain the anatomy of Ovary.
 - (B) Write the anatomy of parathyroid glands.
 - (C) Explain the ureter.
 - (D) Write the anatomy of gallbladder.
 - (E) Describe the anatomy of pharynx.
4. Answer any five questions.(two to three sentences) 10
 - (A) What is Adam's apple?
 - (B) What is mesentery?
 - (C) What is bare area?
 - (D) Write the parts of fallopian tube? (Name only)
 - (E) Write the names of Exocrine glands.
 - (F) Layers of pleura (names only)

SECTION – B

5. Explain the anatomy of cerebrum with diagram. 10
6. Answer any one question. 10
 - (A) Write the surface anatomy of Heart and Stomach.
 - (B) Describe the anatomy of nose and its clinical aspects with figure.
7. Answer any four questions. 20
 - (A) Explain the fibrous tunic of the eye.
 - (B) Explain the limbic system anatomy.
 - (C) Write the difference between sympathetic and parasympathetic nervous system.
 - (D) Write the anatomy of external ear with diagram.
 - (E) Describe in short Spinal cord anatomy.
8. Answer any five questions.(two to three sentences) 10
 - (A) Write about Eustachian tube.
 - (B) What is central fovea?
 - (C) Write the root value of median and radial nerve.
 - (D) Branches of trigeminal nerve (names).
 - (E) Write the surface marking of Appendix.
 - (F) Phrenic nerve.

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FIRST PROFESSIONAL EXAMINATION : MARCH-2022

RACHANA SHARIR - PAPER – II

Date : 30/03/2022
Wednesday

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

Instructions : All the questions are compulsory.

SECTION - A

- 1 Write the anatomy of the Lung with figure. 10
2. Answer any one question. 10
 - (A) Explain the anatomy of large intestine with figure.
 - (B) Describe the anatomy of urinary bladder with figure.
3. Answer any four questions. 20
 - (A) Explain the anatomy of Ovary.
 - (B) Write the anatomy of parathyroid glands.
 - (C) Explain the ureter.
 - (D) Write the anatomy of gallbladder.
 - (E) Describe the anatomy of pharynx.
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 - (D) Write the parts of fallopian tube? (Name only)
 - (E) Write the names of Exocrine glands.
 - (F) Layers of pleura (names only)

SECTION – B

5. Explain the anatomy of cerebrum with diagram. 10
6. Answer any one question. 10
 - (A) Write the surface anatomy of Heart and Stomach.
 - (B) Describe the anatomy of nose and its clinical aspects with figure.
7. Answer any four questions. 20
 - (A) Explain the fibrous tunic of the eye.
 - (B) Explain the limbic system anatomy.
 - (C) Write the difference between sympathetic and parasympathetic nervous system.
 - (D) Write the anatomy of external ear with diagram.
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8. Answer any five questions.(two to three sentences) 10
 - (A) Write about Eustachian tube.
 - (B) What is central fovea?
 - (C) Write the root value of median and radial nerve.
 - (D) Branches of trigeminal nerve (names).
 - (E) Write the surface marking of Appendix.
 - (F) Phrenic nerve.

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

FIRST PROFESSIONAL EXAMINATION : MARCH-2022

SANSKRUTAM

Date : 24/03/2022
Thursday

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

Instructions : All the questions are compulsory.

SECTION - A

- 1 Write the "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) उप + ईक्षा (2) ऋषि + उपासना (3) देवी + उवाच (4) शे + अनम्
- (B) Do the process of Sandhi and specify the related rules (Sutra).
(1) गुं + फितः (2) तद् + लयः (3) तद् + शिवः (4) परि + छदः
3. Answer any four questions. 20
- (A) Perform the Vachya Parivartana of the following Sentences:
(1) राधा कृष्णं पश्यति | (2) पिता पुत्रं ताडयति | (3) बालकः क्रीडाम् क्रीडति |
(4) पत्रवाहकेन पत्रं आनीयते | (5) वयम् जलं पिबामः |
- (B) Make one sentence from each of the following verbs:
(1) गमिष्यन्ति (2) पश्यन्तु (3) अपचन् (4) पठन्ति (5) गच्छसि
- (C) Write a short note on: द्वन्द्वसमासः।
- (D) अधोलिखित शब्दैः सह प्रत्ययं योजयत् |
(1) कृष्ण + टाप् (2) दातृ + डीप् (3) दूर + तपम् (4) विद्या + मतुप् (5) दण्ड + इनि
- (E) Write any five sentences using Trutiya vibhakti.
4. Answer any five questions.(two to three sentences) 10
- (A) Correct the sentence: देवस्य नमः |
- (B) Correct the sentence: वृक्षस्य फलं पतति |
- (C) Correct the sentence: अत्र सर्वे बालकः क्रीडन्ति |
- (D) Translate the sentence into English: तक्रमानेतुं कः अगच्छत् ?
- (E) Translate the sentence into English: भवान् मम मित्रम् अस्ति |
- (F) Translate the sentence into Sanskrit: Doctor is giving medicine to the patient.

SECTION - B

5. यथा हि सारः काष्ठेषु छिद्यमानेषु दृश्यते | तथाहि धातुर्मासेषु छिद्यमानेषु दृश्यते || 10
Translate into English and explain Sandhi, Samasa and Roop of the same.
6. Answer any one question. 10
- (A) सत्त्वं रजस्तम इति मानसाः स्युस्त्रयो गुणाः | तेषां गुणानां साम्यं यतदाहुः स्वस्थलक्षणम् || Explain.
- (B) अजीर्ण भेषजं वारि, जीर्णं वारि बलप्रदम् | भोजने चामृतं वारि, भोजनान्ते विषप्रदम् || Explain.
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) अपि + अनुधावति (2) भवेत् + दोषः (3) तथा + अन्त्राणि
- (D) Write the name of Samasa: (1) ब्रह्मरुद्रेन्द्रवरुणैः (2) कायलक्षणम् (3) निन्द्रानाशः
- (E) Identify the Roopa: (1) गर्भस्य (2) प्रवर्तते (3) धावति
8. Answer any five questions.(two to three sentences) 10
- (A) write the main message of पंचतंत्र.
- (B) Write the moral of क्षपणक कथा |
- (C) Name the Samasa in पंचतंत्र |
- (D) Translate the verse: शीलं शौचं क्षान्तिर्दाक्षिण्यं मधुरता कुले जन्म | न विराजन्ति हि सर्वे वितविहीनस्य पुरुषस्य ||
- (E) Translate the verse: वरं वनं व्याघ्रगजादिसेवितं, जनेन हीनं बहुकण्टकावृतम् |
तृणानिशय्या परिधानवल्कलं, न बन्धुमध्ये धनहीनजीवितम् ||
- (F) Translate the verse: अयं निजं परो वेति गणना लघुचेतसाम् | उदारचरितानान्तु वसुधैव कुटुम्बकम् ||