

GUJARAT AYURVED UNIVERSITY, JAMNAGAR

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

FIRST PROFESSIONAL OCTOBER – 2015

KRIYA SHARIR - PAPER - I

Date: 09-10-2015

Friday

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

Marks : 100

Instruction - All the questions are compulsory.

SECTION - A

1. Explain Aharapaka (process of digestion) in detail. 10
2. Answer any one out of two questions. 10
 - (1) Describe the general locations, properties and functions of Kapha.
 - (2) Describe the characteristics of a Pitta Prakriti person.
3. Answer any four out of five questions. 20
 - (1) Write the factors responsible for Vata Vriddhi and Kshaya.
 - (2) योगवाही परं वायुः । - Explain it.
 - (3) Explain Kriyakala with its importance.
 - (4) Describe Ahara-Vidhi-Vidhana.
 - (5) Explain role of Shatdhatupurusha in Kriya Sharira and Chikitsa.
4. Answer any five out of six questions. 10
 - (1) Write only the name of Ahara Parinamkar Bhava.
 - (2) Write differences between Shaarir and Sharir.
 - (3) Write synonyms of Pitta.
 - (4) Name the types of Vata.
 - (5) Name the types of Koshta.
 - (6) Write only the names of different types of Manasa Prakriti.

SECTION - B

5. Describe digestion of carbohydrate. 10
6. Answer any one out of two questions. 10
 - (1) Describe physiology of CNS (Central Nervous System).
 - (2) Explain transportation of various substances across the cell membrane.
7. Answer any four out of five questions. 20
 - (1) Write about the digestion process taking place in the small intestine.
 - (2) Write about ventilation.
 - (3) Write about action potential.
 - (4) Write the sources of vitamins and its daily requirement.
 - (5) Write physiology of temperature regulation.
8. Answer any Five out of Six questions. 10
 - (1) Define asphyxia.
 - (2) Give the full form of EEG and CSF.
 - (3) Write the functions of bile in brief.
 - (4) Define hypervitaminosis.
 - (5) Give the full form of PNS and ANS.
 - (6) Write briefly about the secretions of stomach.



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GUJARAT AYURVED UNIVERSITY, JAMNAGAR

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

FIRST PROFESSIONAL JUNE – 2015

KRIYA SHARIR - PAPER - I

Date: 26-06-2015

Friday

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

Marks : 100

Instruction - All the questions are compulsory.

SECTION - A

1. Write the definition of Sharir (शरीर) and describe the importance of Kriya Sharir. 10
2. **Answer any one out of two questions.** 10
 - (1) Describe general locations, properties and functions of Pitta.
 - (2) Describe Ahara Parinamkar Bhava in detail.
3. **Answer any four out of five questions.** 20
 - (1) Write classification of Koshtha with its characteristics.
 - (2) विसर्गादानविक्षेपैः । - Explain it.
 - (3) Describe types of Vata in detail.
 - (4) Describe characteristics of a Kapha Prakriti person.
 - (5) Explain concept of Kriyakala.
4. **Answer any five out of six questions.** 10
 - (1) Name the types of Kapha.
 - (2) Name the types of Deh-Prakriti.
 - (3) Write the names of Triguna.
 - (4) Write relationship between Sharir Dosha and Manasa Dosha.
 - (5) Define Ahara.
 - (6) Name the types of Agni.

SECTION - B

5. Explain the cell physiology in detail. 10
6. **Answer any one out of two questions.** 10
 - (1) Describe functions of liver in detail.
 - (2) Describe digestion of protein.
7. **Answer any four out of five questions.** 20
 - (1) Write about the exchange and transport of gases.
 - (2) Describe the functions of CNS (Central Nervous System).
 - (3) Explain resting membrane potential.
 - (4) Write about the composition of gastric juice.
 - (5) Write functions of pancreas.
8. **Answer any Five out of Six questions.** 10
 - (1) Write functions of pons in brief.
 - (2) Which are the components of homeostatic system ?
 - (3) Define pulmonary ventilation.
 - (4) Write basic components of food in brief.
 - (5) Give the full form of EEG and ANS.
 - (6) Write only the names of vitamins.

GUJARAT AYURVED UNIVERSITY, JAMNAGAR

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

FIRST PROFESSIONAL APRIL – 2015

KRIYA SHARIR - PAPER - I

Date: 15-04-2015

Wednesday

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

Marks : 100

Instructions : All the questions are compulsory.

SECTION - A

- 1 Explain the term Ahara; describe the Annava Srotas and role of Grahani in Ahara Paka. 10
2. Answer any one question. 10
 - (1) Explain the Trividha Avastha Paka and differentiate with Vipaka.
 - (2) Explain the Pranava Srotas and Ayurevdiya Swashana Kriya.
3. Answer any four questions. 20
 - (1) Explain the Loka Purusha Samya.
 - (2) Write the specific location, properties and functions of Sadhaka Pitta.
 - (3) Explain the - स्त्रवणात् સ્ત્રોતાસિં ।
 - (4) Write the classification of Agni and function of Bhutagni.
 - (5) Describe the features of Vata Prakriti.
4. Answer any five questions. 10
 - (1) Write the Lakshana of Vata Prakopa.
 - (2) Write about the Ahara Parinamakara Bhava.
 - (3) Write the Sutra of general function of Vata Dosha.
 - (4) Write the manifestations of Pitta Vriddhi and Pitta Kshaya.
 - (5) Write the components of Chaturvinshati Purusha.
 - (6) Definition of Swastha(સ્વસ્થ).

SECTION – B

5. Write about the Gastric juice and digestion in Stomach. 10
6. Answer any one question. 10
 - (1) Write about the Enteric Nervous System.
 - (2) Write the importance of vitamins and minerals, explain the role of vitamin-A in vision.
7. Answer any four questions. 20
 - (1) Write the physiology of Temperature Regulation.
 - (2) What is the Action Potential ?
 - (3) Write the mechanism of Smell.
 - (4) Write about the Peripheral Nervous System(PNS).
 - (5) Explain the role of Bile salts in absorption of fat.
8. Answer any five questions. 10
 - (1) Write the source of Vitamin-D.
 - (2) Where the gaseous exchange occurs in lung.
 - (3) What is the Tidal Volume ?
 - (4) Write the definition of Reflex.
 - (5) Write the difference between Diffusion and Osmosis.
 - (6) How many ATP molecules are made from one glucose molecule after complete oxidation ?

GUJARAT AYURVED UNIVERSITY, JAMNAGAR

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

FIRST PROFESSIONAL OCTOBER – 2014

KRIYA SHARIR - PAPER - I

Date: 11-10-2014

Saturday

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

Marks : 100

Instructions : All the questions are compulsory.

SECTION - A

- 1 Explain in detail about Vyutpatti, Nirukti, Location and function of Pitta Dosha. 10
2. Answer any one question. 10
 - (1) Write the definition and synonyms of the term Sharira and Kriya. Describe the Manasa Dosha in detail.
 - (2) Explain the role of Shatdhatvatmaka Purusha in Kriya Sharira and Chikitsa.
3. Answer any four questions. 20
 - (1) Define the Nirukti and general location of Kapha Dosha.
 - (2) उत्साहोच्छ्वास निःश्वास चेष्टा। Explain it.
 - (3) Describe the respiratory physiology in Ayurveda.
 - (4) Explain the Samana Vayu.
 - (5) Write the etiological factors responsible for Dosha Kshaya.
4. Answer any five questions. 10
 - (1) Write about the location of Avalambaka Kapha.
 - (2) Write about Kapha Prakruti Purusha.
 - (3) Write about the general location of Vata Dosha.
 - (4) Write about Madhura Avasthapaka Prakriya.
 - (5) How many types of Koshttha ? Write only name.
 - (6) Define the types of Agni.

SECTION - B

5. Explain the physiology of pancreas in detail. 10
6. Answer any one question. 10
 - (1) Define the functions, sources and daily requirement of Vitamin-D.
 - (2) Write about the physiology of central nervous system.
7. Answer any four questions. 20
 - (1) Write about the functions of cerebrum.
 - (2) Define the inspiration process in respiration.
 - (3) Write about sources and daily requirement of Vitamin-A.
 - (4) Define the main functions of liver in short.
 - (5) Write about the composition of bile in short.
8. Answer any five questions. 10
 - (1) What is C.S.F. ?
 - (2) Write only the two functions of calcium.
 - (3) What are the sources of vitamin-E ?
 - (4) What is E.E.G. ?
 - (5) Write about the daily requirement of Vitamin-K.
 - (6) Write about the function of pons.

GUJARAT AYURVED UNIVERSITY, JAMNAGAR

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

FIRST PROFESSIONAL APRIL – 2014 (NEW SYLLABUS)

KRIYA SHARIR - PAPER - I

Date: 23-04-2014

Wednesday

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

Marks : 100

Instructions : All the questions are compulsory.

SECTION - A

- 1 Define the word "Purusha" and provide meaningful description of Chikitsaadhikruta Purusha. 10
2. Answer any one question. 10
 - (1) Explain the general and specific functions of Vata Dosha.
 - (2) Describe in detail the characteristic features of Kapha Prakruti Purusha.
3. Answer any four questions. 20
 - (1) Write about Nirukti and general properties of Pitta Dosha.
 - (2) शुक्रशोणित संयोगे यो । Explain with context.
 - (3) Define the specific locations and functions of Kapha Dosha.
 - (4) Explain the etiological factors responsible for Dosha Vriddhi.
 - (5) Write about the functions of Pachaka Pitta.
4. Answer any five questions. 10
 - (1) Write only the name of Triguna.
 - (2) Write the Nirukti of Kapha Dosha.
 - (3) Define the location of Vyana Vayu.
 - (4) Write about the functions of Shleshaka Kapha.
 - (5) Write only the names of Manasa Prakruti.
 - (6) Write about the general locations of Kapha Dosha.

SECTION - B

5. Explain the physiology of stomach in detail. 10
6. Answer any one question. 10
 - (1) Write about sources, daily requirement and functions of vitamin-A.
 - (2) Define the functions of Salivary glands.
7. Answer any four questions. 20
 - (1) Write the definition of ventilation.
 - (2) Define the expiration process in respiration.
 - (3) Write about daily requirement and sources of vitamin-C.
 - (4) What is mineral salts ? Explain in short.
 - (5) Write about the functions of cerebrum.
8. Answer any five questions. 10
 - (1) Write about the functions of Thalamus.
 - (2) Write about the functions of gastric lipase.
 - (3) Write only the names of bile salts.
 - (4) Write only two functions of large intestine.
 - (5) Write only the names of fat soluble vitamins.
 - (6) Write about the sources of vitamin-D.

GUJARAT AYURVED UNIVERSITY, JAMNAGAR

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

FIRST PROFESSIONAL OCTOBER – 2013 (NEW SYLLABUS)

KRIYA SHARIR - PAPER - I

Date: 19-10-2013
Saturday

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

Instructions : All the questions are compulsory.

SECTION - A

1. Write the Nirukti of Prakriti, factors that influencing the Dosha Prakriti and characteristic features of Vata Prakriti Purusha. 10
2. Answer any one question. 10
 - (1) Write in detail about the classification and significance of Ahara.
 - (2) Explain the mutual relationship between Triguna – Tridosha and Panchamahabhuta.
3. Answer any four questions. 20
 - (1) Write the similarities and differences between Agni and Pitta.
 - (2) Write about the types of Manas Prakriti.
 - (3) शान्तेऽग्नौ प्रियते युक्ते चिरं जीवत्यनामयः । Explain it.
 - (4) Write about the biological rhythms of Tridosha according to the day-night-age-season and food intake.
 - (5) Describe in detail about the Samana Vayu.
4. Answer any five questions. 10
 - (1) Write the Lakshana of Kapha Sanchaya.
 - (2) Write the Lakshana of Mridu Kosta.
 - (3) Write about the role of Udana Vayu in production of speech.
 - (4) Write the concept of Samanya-Vishesha.
 - (5) Write the synonyms of Agni.
 - (6) Write the Mula of Annavaha Srotas.

SECTION - B

5. Explain the functions of Cerebrum and Medulla Oblongata; write about the physiology of Sleep. 10
6. Answer any one question. 10
 - (1) Write the functions of Liver in detail.
 - (2) Write about the mechanism of propagation of nerve impulse.
7. Answer any four questions. 20
 - (1) Write the reasons of left shifting of Oxyhaemoglobin disassociation curve.
 - (2) Write about the sympathetic nervous system.
 - (3) Write the functions of Endoplasmic Reticulum.
 - (4) Explain the digestion and metabolism of Protein.
 - (5) Write the pH value of Saliva, Gastric juice, Pancreatic juice and Bile.
8. Answer any five questions. 10
 - (1) Write the daily requirement of Iodine and Iron as minerals.
 - (2) What is the average Total lung capacity and Vital capacity ?
 - (3) Write the functions of vitamin-K.
 - (4) Write the name of two disaccharides.
 - (5) Write the components of Bile Juice.
 - (6) Write the parts or chambers of Internal Ear with their separating members.

No correction
(Mishra)
19.10.13



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

FIRST PROFESSIONAL MAY – 2013 (NEW SYLLABUS)

KRIYA SHARIR - PAPER - I

Date: 10-05-2013
Friday

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

Instructions : All the questions are compulsory.

SECTION - A

- 1 Explain the Ashta Aharavidhi Viseshayatana in detail. 10
2. Answer any one question. 10
 - (1) Describe the Koshta and Avasthapaka in detail.
 - (2) Write about the physiology of speech in Ayurveda.
3. Answer any four questions. 20
 - (1) Write about Vyutpatti, Nirukti and general location of Kapha Dosha.
 - (2) दर्शनं पक्तिरूपमा च । Explain it.
 - (3) Write about Ahara Parinamakara Bhava.
 - (4) Write the specific location of Apana Vayu.
 - (5) Define the Nisthapaka Prakriya.
4. Answer any five questions. 10
 - (1) Write the definition of Ahara.
 - (2) Write about general location of Pitta Dosha.
 - (3) Write only the names of Kriyakala.
 - (4) Write about the characteristic features of Pitta Prakruti Purusha.
 - (5) Write the synonyms of Agni.
 - (6) Write about the location of Kledaka Kapha.

SECTION – B

5. Explain the physiology of smell in detail. 10
6. Answer any one question. 10
 - (1) Define the neural and chemical control of respiration.
 - (2) Write about the functions of stomach in detail.
7. Answer any four questions. 20
 - (1) Write about the functions of aqueous humour.
 - (2) What are the functions of large intestine ?
 - (3) Write about the functions of bile salts.
 - (4) Define the composition of pancreatic juice.
 - (5) Write about the sources of vitamin-A.
8. Answer any five questions. 10
 - (1) What is the function of Amylase ?
 - (2) Write only the names of Salivary glands.
 - (3) Write only two names of mineral salts.
 - (4) Write only two functions of cerebrum.
 - (5) Write only the names of water soluble vitamins.
 - (6) What is the daily requirement of vitamin-D ?
