

GUJARAT AYURVED UNIVERSITY, JAMNAGAR

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

FIRST PROFESSIONAL, OCTOBER - 2015

KRIYA SHARIR - PAPER - II

Date: 10-10-2015

Saturday

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

Marks : 100

Instruction - All the questions are compulsory.

SECTION - A

1. Write Praman, functions and features of Shuddha Rakta. 10
2. Answer any one out of two questions. 10
 - (1) Write Praman, functions and features of Shuddha Shukra.
 - (2) Explain Khalekapot Nyaya in detail.
3. Answer any four out of five questions. 20
 - (1) Write Praman and functions of Rasa Dhatu.
 - (2) प्रीणनं जीवनं लेपः । - Explain it.
 - (3) Write characteristics of Medasara Purusha.
 - (4) Write Praman and properties of Ojas.
 - (5) Write briefly functions of each Upadhatu.
4. Answer any five out of six questions. 10
 - (1) Write briefly functions of Asthi Dhatu.
 - (2) Write Praman of Artava and Majja Dhatu.
 - (3) Write the manifestations of Mutra Vriddhi.
 - (4) Give the names of Dhaturmala.
 - (5) Give the names of Karmendriya.
 - (6) Name the types of Nidra.

SECTION - B

5. Describe the mechanism of urine formation in detail. 10
6. Answer any one out of two questions. 10
 - (1) Describe the classification of immunity in detail.
 - (2) Describe the composition of blood in detail.
7. Answer any four out of five questions. 20
 - (1) Write types of WBC (white blood cells) with its functions briefly.
 - (2) Write the description of heart sounds.
 - (3) Write functions of skin.
 - (4) Give the description of ovulation.
 - (5) Write the functions of hormones of thyroid gland.
8. Answer any Five out of Six questions. 10
 - (1) Write the full form of VLDL and LDL.
 - (2) Name the hormones of testis.
 - (3) Write the composition of urine.
 - (4) Name the different types of waves of normal ECG (electrocardiogram).
 - (5) Give the names of smooth muscle fibres.
 - (6) Write the normal values of RBC and WBC.



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KAPWING

GUJARAT AYURVED UNIVERSITY, JAMNAGAR

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

FIRST PROFESSIONAL JUNE - 2015

KRIYA SHARIR - PAPER - II

Date: 27-06-2015

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

Saturday

Marks : 100

Instructions : All the questions are compulsory.

SECTION - A

1. Write the definition, location and properties of Ojas; classification of Bala. 10
2. Answer any one question. 10
 - (1) Write about the Upadhatu, characteristic features and methods of assessing Shuddha Stanya.
 - (2) Write about the role of Vyanavayu and Samanavayu in Rasa Samvahana.
3. Answer any four questions. 20
 - (1) Explain the Khale Kapota Nyaya of Dhatuposhana.
 - (2) Explain physiology of perception of Shabda.
 - (3) षडंगम् अंगविज्ञानम् इन्द्रियाणि अर्थ पंचकम् । Explain it.
 - (4) Write about mutual interdependence of Rakta and Pitta. • આક્રિયાશક્તિ અંગ
 - (5) Write the Mula of Shukravaha Srotas and manifestations of Vridhhi and Kshaya of Shukra.
4. Answer any five questions. 10
 - (1) Write the characteristic features of Tvakasara Purusha.
 - (2) Write the Mula of Mamsavaha Srotas.
 - (3) Write the manifestation of Ojas Kshaya.
 - (4) Write the physiological significance of Nidra. •
 - (5) Write the characteristic features of Shuddha Rakta.
 - (6) Write the Anjali Pramana of Mutra, Pitta and Artava.

SECTION - B

5. Explain the physiology of Thyroid Gland in detail. 10
6. Answer any one question. 10
 - (1) Explain the Oogenesis and its hormonal regulation. •
 - (2) Write about the developmental stages of RBC and physiological basis of blood groups.
7. Answer any four questions. 20
 - (1) Write about the Humoral (B-cell mediated) and T-cell mediated immunity.
 - (2) Write about the Systemic arterial blood pressure.
 - (3) Explain the Menstrual Cycle.
 - (4) Functions of Bone Marrow.
 - (5) Write the functions of Kidney.
8. Answer any five questions. 10
 - (1) Write the classification of W.B.C.
 - (2) Write the names of Unipolar and Bipolar leads of E.C.G.
 - (3) Write the names of Hormones which secretes from the Adrenal Cortex.
 - (4) Write about the heart sound.
 - (5) What is the main function of Haemoglobin ?
 - (6) Write the names of three Lipoproteins.

GUJARAT AYURVED UNIVERSITY, JAMNAGAR

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

FIRST PROFESSIONAL APRIL – 2015

KRIYA SHARIR - PAPER - II

Date: 16-04-2015

Thursday

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

Marks : 100

Instruction - All the questions are compulsory.

SECTION - A

1. Write Praman, location, properties and functions of Rasa Dhatu. 10
2. Answer any one out of two questions. 10
 - (1) Describe Rakta Dhatu in detail.
 - (2) Explain Kedari Kulya Nyaya in detail.
3. Answer any four out of five questions. 20
 - (1) Write Praman, functions and properties of Meda Dhatu.
 - (2) स्फटिकाभं द्रवं स्निग्धं । - Explain it.
 - (3) Write manifestations of Ojavisramsas, Vyapad and Kshaya.
 - (4) Write characteristics of Asthisara Purusha.
 - (5) Give general introduction of Upadhatu.
4. Answer any five out of six questions. 10
 - (1) Write the differences between Paramatma and Jivatma.
 - (2) Name the types of Nidra.
 - (3) Write the Praman of Artava and Shukra Dhatu.
 - (4) Write synonyms of Mamsa Dhatu.
 - (5) Give the names of Mala of each Dhatu.
 - (6) Write only names of types of Ashtavidha Sara.

SECTION - B

5. Explain blood groups in detail. 10
6. Answer any one out of two questions. 10
 - (1) Write about blood pressure in detail.
 - (2) Write physiology of pituitary gland.
7. Answer any four out of five questions. 20
 - (1) Describe physiology of muscle contraction.
 - (2) Describe cardiac cycle.
 - (3) Write about spermatogenesis.
 - (4) Explain the formation of faeces.
 - (5) Write about immunity.
8. Answer any Five out of Six questions. 10
 - (1) Define hypersensitivity.
 - (2) Write the normal values of haemoglobin in males and females respectively.
 - (3) Give the full form of RBC and WBC.
 - (4) Give the full form of VLDL and LDL.
 - (5) Write briefly the functions of sweat glands.
 - (6) Write the normal values of WBC and platelets.

GUJARAT AYURVED UNIVERSITY, JAMNAGAR

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

FIRST PROFESSIONAL OCTOBER – 2014

KRIYA SHARIR - PAPER - II

Date: 13-10-2014
Monday

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

Instructions : All the questions are compulsory.

SECTION - A

1. Explain the etymology, location and properties of Shukra Dhatu and write the features of Shuddha Shukra. 10
2. Answer any one question. 10
 - (1) What is the Upadhatu and write about the detail description of Twaka Upadhatu.
 - (2) Explain the physiology of perception of Sparsha.
3. Answer any four questions. 20
 - (1) Explain the 'Eka Kala Dhatu Poshana' Nyaya.
 - (2) Write the function of Asthi Dhatu and explain the mutual interdependence of Vata Dosha and Asthi Dhatu.
 - (3) પ્રસન્નાલેન્દ્રિયમના: : Explain it.
 - (4) Write the Mula of Mutra. Vaha Srotas, Manifestations of Vriddhi and Kshaya of Mutra.
 - (5) Write the synonyms and functions of Manas.
4. Answer any five questions. 10
 - (1) Write the names of all Dhatu Mala.
 - (2) Write the Mula of Medovaha Srotas.
 - (3) Specify the properties of Rakta according to Panchamahabhuta.
 - (4) Write the characteristic features of Shuddha Artava.
 - (5) Write the name and number of Bala Vriddhikara Bhava.
 - (6) Write the Anjali Pramana of Purisha, Vasa, Meda and Majja.

SECTION - B

5. Explain the Mechanism of formation of urine and control of micturition. 10
6. Answer any one question. 10
 - (1) Explain the Spermatogenesis and its hormonal regulation.
 - (2) Write the physiological difference of skeletal muscle, cardiac muscle and smooth muscle.
7. Answer any four questions. 20
 - (1) Write about the hypersensitivity.
 - (2) Write about the platelets (Blood Cell)
 - (3) Write the names of hormones which secretes from the Anterior Pituitary Gland.
 - (4) Write the functions of Skin.
 - (5) Write the endocrine function of Ovary.
8. Answer any five questions. 10
 - (1) Write the average normal values of R.B.C., W.B.C. and platelets in male and female.
 - (2) Write the composition of Urine.
 - (3) Write the names of cells and their respective hormones of pancreas.
 - (4) Write the names of contractile proteins of a muscle fibre.
 - (5) Write the two important functions of Thyroid gland.
 - (6) Write the name of hormone which responsible for ovulation and breast development.

GUJARAT AYURVED UNIVERSITY, JAMNAGAR

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

FIRST PROFESSIONAL APRIL – 2014 (NEW SYLLABUS)

KRIYA SHARIR - PAPER - II

Date: 24-04-2014
Thursday

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

Instructions : All the questions are compulsory.

SECTION - A

1. Explain the etymology, properties and functions of Rakta Dhatu. 10
2. Answer any one question. 10
 - (1) Write the features of Shuddha Artava and explain the physiology of Artavavaha Srotas.
 - (2) Write the characteristic features of Atma in living body.
3. Answer any four questions. 20
 - (1) Write the properties and functions of Manas.
 - (2) Write the properties of Shukra and characteristic features of Shukra Sara Purusha.
 - (3) निद्रावर्तं सुखं दुःखं । Explain it.
 - (4) Explain the physiology of perception of Rupa.
 - (5) Write the manifestations of Vriddhi and Kshaya of Sveda.
4. Answer any five questions. 10
 - (1) Write the function of Mutra.
 - (2) Write the names of Dhatus and their respective Upadhatus.
 - (3) Write the Mula of Asthivaha and Majjavaha Srotas.
 - (4) Write the names of Panchakermandriya.
 - (5) Write the features of Suddha Stanya.
 - (6) Write the names of Skin layers according to Shushruta.

SECTION - B

5. Write the detail description of Pancreas and write about its endocrine functions. 10
6. Answer any one question. 10
 - (1) Explain the physiology of contraction of Skeletal muscle.
 - (2) Write the name of blood clotting factors and explain the mechanism of blood clotting.
7. Answer any four questions. 20
 - (1) Regulation of cardiac output and venous return.
 - (2) What is the Adipose tissue ?
 - (3) Difference between Endocrine gland and Exocrine gland.
 - (4) What are the functions of Pineal body ?
 - (5) What is the composition of Semen ?
8. Answer any five questions. 10
 - (1) Write the names of two plasma proteins.
 - (2) Draw the Enthovin Triangle of E.C.G.
 - (3) Write the names of hormones which secretes from Adrenal Medulla.
 - (4) Write the names of phases of Menstrual cycle.
 - (5) Write the names of all vessels which merge and emerge from the Heart.
 - (6) Write the physiological normal value of Hb in infant, adult male and female with its unit.

GUJARAT AYURVED UNIVERSITY, JAMNAGAR

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

FIRST PROFESSIONAL OCTOBER – 2013 (NEW SYLLABUS)

KRIYA SHARIR - PAPER - II

Date: 21-10-2013
Monday

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

Instructions : All the questions are compulsory.

SECTION - A

1. Explain the Ashtavidha Sara in detail. 10
2. Answer any one question. 10
 - (1) Define the etymology, synonyms, functions and Pramana of Rakta Dhatu.
 - (2) Explain the formation of Mamsa Dhatu and define the concept of Peshi.
3. Answer any four questions. 20
 - (1) Define the physiology of Urine in Ayurveda.
 - (2) विस्तृत द्रवता रक्तः । Explain it.
 - (3) Write about the properties of Atma And types of Svapna.
 - (4) How many types of Nidra ? Define it according to Charaka Samhita.
 - (5) Define the Kedari Kulya Nyaya.
4. Answer any five questions. 10
 - (1) Write about the manifestations of Rasa Dhatu Kshaya.
 - (2) Write about the Pramana of Majja Dhatu.
 - (3) Write about the location of Ojas.
 - (4) Write about the Functions of Purisha.
 - (5) Write about the location of Manasa.
 - (6) Write about the number of Asthi according to Sushruta.

SECTION - B

5. Define the general introduction to endocrine system in detail. 10
6. Answer any one question. 10
 - (1) Define the composition and functions of blood in detail.
 - (2) Explain the systemic arterial blood pressure in detail.
7. Answer any four questions. 20
 - (1) Write about the menstrual cycle.
 - (2) Write about the blood clotting factors.
 - (3) How many types of blood cells ? Explain it.
 - (4) Write about the sebaceous glands.
 - (5) Define the acquired immunity.
8. Answer any five questions. 10
 - (1) What is TSH ?
 - (2) Write only two functions of skin.
 - (3) What is heparin ?
 - (4) Which blood group is called universal donor ?
 - (5) Write only the name of hormone of pineal body.
 - (6) Write only two functions of insulin.

No. Correction
(M. K. Singh)
21.10.13



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

FIRST PROFESSIONAL MAY – 2013 (NEW SYLLABUS)

KRIYA SHARIR - PAPER - II

Date: 15-07-2013

Monday

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

Marks : 100

Instructions : All the questions are compulsory.

SECTION - A

1. Explain the etymology, functions, location and formation of Rasa Dhatu from Aahara Rasa in detail. 10
2. Answer any one question. 10
 - (1) Define the properties and functions of Meda Dhatu.
 - (2) Write about the classification and functions of Ojas clearly.
3. Answer any four questions. 20
 - (1) Write about the concept of Ashraya-Ashrayi Bhava.
 - (2) देहस्य खधिरं मूलं Explain it.
 - (3) Write about the manifestations of Vridhi and Kshaya of Mamsa Dhatu.
 - (4) Define the concept of Peshi.
 - (5) Explain the functions of Meda and characteristic features of Medasara Purusha.
4. Answer any five questions. 10
 - (1) Write only the names of Upadhatu.
 - (2) Write only the two names of classification of Twak.
 - (3) Write only the names of Dhatumala.
 - (4) Define the functions of Purisha.
 - (5) Write about the location of Manas.
 - (6) Write only the names of types of Svapna.

SECTION - B

5. Define the physiology of thyroid gland in detail. 10
6. Answer any one question. 10
 - (1) How many types of blood groups ? Define it clearly.
 - (2) Explain the regulation of cardiac output in detail.
7. Answer any four questions. 20
 - (1) Write about the stages and development of RBCs.
 - (2) Write about heart sounds.
 - (3) Explain the control of micturition in short.
 - (4) Write about the functions of skin in short.
 - (5) Explain the arterial blood pressure in short.
8. Answer any five questions. 10
 - (1) Write about heart rate.
 - (2) Write only two functions of oestrogen.
 - (3) Write only two functions of glucagon.
 - (4) Write only the names of hormones of posterior pituitary gland.
 - (5) Which blood group is called universal recipient ?
 - (6) Write only two functions of haemoglobin.
