

आयुर्वेद शिक्षण एवं अनुसंधान संस्थान, जामनगर

AYURVEDACHARYA(B.A.M.S.)- EXAMINATION
FIRST PROFESSIONAL - April – 2024 (OLD SYLLABUS)

MAULIK SIDDHANT AVUM ASTANG HRIDYA

Date : 23/04/2024

Tuesday

Time : 10:00 A.M. - 01:00 P.M.

Marks : 100

Instructions : All the questions are compulsory.

SECTION - A

- 1 Describe the need of creation of *Ashtanga Hridaya* along with importance of *Sutra Sthana* in detail. 10
2. Answer any two questions. 20
 - (A) Write the benefits of *Vyayama, Snana, Abhyanga* and *Udvardana*
 - (B) Describe *Chikitsa Chatuspada* in detail.
 - (C) Describe the *Ritu Sandhi* and write the *Varsharitu Charya*.
3. Answer any four questions. 20
 - (A) Write a short note on *Aushadha Sevana Kala*.
 - (B) Write a short note on *Ajirna*.
 - (C) Explain the stanza- रोगस्तु दोषवैषम्यं दोषसाम्यमरोगता|
 - (D) Write a short note on *Oja*
 - (E) Write the qualities of *Dadhi* and contraindications of *Dadhi Sevana*.
4. Answer any five questions.(two to three sentences) 10
 - (A) Name the drugs of *Trikatu*.
 - (B) Enumerate the *Ashtanga Ayurveda*.
 - (C) Define *Vipaka*
 - (D) Write any two characteristics of *Vishadaata*.
 - (E) Enlist the *Roga- Rogi Pariksha*
 - (F) Define *Viruddha Ahara*.

SECTION – B

5. Explain the *Snehavidhi Adhyaya* under these heading – 10
 - A. Types of *Sneha* B. *Samyaka Sneha Lakshana* C. Benefits of *Snehana*.
6. Answer any four questions. 20
 - (A) Write a short note on types of *Sweda*.
 - (B) Write a short note on *Murdha Taila*
 - (C) Explain the stanza- सर्वशस्त्रानुस्त्राणां क्षारः श्रेष्ठो बहूनि यत्|
 - (D) Write a short note on *Jalaukavacharan Vidhi*
 - (E) Describe the importance of *Basti*
7. Answer any five questions.(two to three sentences) 10
 - (A) Name the *Sapta Kalpana*
 - (B) Write the characteristics of *Vishuddha Rakta*.
 - (C) Name the types of *Nasya*.
 - (D) Write the benefits of *Mukhalepa*.
 - (E) Define *Tantrayukti*.
 - (E) Name the 30th chapter of *Ashtang Hridaya Sutra Sthana*.

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PADARTHA VIGYANAM - I

Date : 24/04/2024

Time : 10:00 A.M. - 01:00 P.M.

Wednesday

Marks : 100

Instructions : All the questions are compulsory.

SECTION - A

1. Defining *Mana*, describe its Characteristics, Qualities, Objects and Functions. 10
2. Answer any one question. 10
 - (A) Define the *Bhoota* and explain the process of evolution of *Mahabhoota* in detail.
 - (B) Define *Dravya* and describe its classification in detail.
3. Answer any four questions. 20
 - (A) Define *Siddhanta* and explain its types with examples.
 - (B) Write a short note on *Vaisheshika Darshana*.
 - (C) Complete and explain the stanza –चिन्त्यं विचार्यंहि अर्थं संज्ञकम् ॥
 - (D) Write the importance of *Disha* in Ayurveda.
 - (E) Describe the *Lakshana* and classification of *Atma*.
4. Answer any five questions.(In two to three sentences) 10
 - (A) Define *Nastik Darshana* with an example.
 - (B) Write the difference between *Kaarana* and *Karya Dravyas*.
 - (C) Write the components of *Rashi Purusha*.
 - (D) Write the number of *Padarthas* according to *Samkhya* and *Nyaya Darshana*.
 - (E) Define *Kaala*.
 - (F) Write any four synonyms of *Ayu*.

SECTION – B

5. Define *Vishesha* along with its types and importance in diagnosis and treatment. 10
6. Answer any one question. 10
 - (A) What is *Karma*? Describe its characteristics, types and utility in Ayurveda.
 - (B) Define *Guna* and describe clinical application of *Shaarira Guna*.
7. Answer any four questions. 20
 - (A) Define *Samskaara* and write its utility in treatment.
 - (B) Explain types of *Samanya* with examples.
 - (C) Complete and explain the verse with example – ‘समवायोऽपृथग्भावो..... तत्रानियतो गुणः ॥’.
 - (D) Define *Abhava* and describe the types of *Abhava* with examples.
 - (E) Define *Vyavayi* and *Vikasi Guna* along with their examples and importance in treatment.
8. Answer any five questions.(In two to three sentences) 10
 - (A) Enlist *Saartha Guna*.
 - (B) Define *Pruthaktva Guna*.
 - (C) Define *Sukha* and *Dukha*.
 - (D) Write the meaning of the Sutra – ‘प्रवृत्तिरुभयस्यतु’
 - (E) Write any two examples of *Samavaaya Sambandha*.
 - (F) Define *Gurutva*.

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FIRST PROFESSIONAL - April – 2024 (OLD SYLLABUS)
PADARTHA VIGYAN AND AYURVED ITIHAS – II

Date : 25/04/2024
Tuesday

Time : 10:00 A.M. - 01:00 P.M.
Marks : 100

Instructions : All the questions are compulsory.

SECTION - A

1. Define *Anumana Pramana*. Describe the characteristics, types and importance of *Anumana Pramana* in diagnosis and treatment. 15
2. Answer any two questions. 20
 - (A) Define *Pratyaksha* and describe the *Pratyaksha Badhaka Bhava*.
 - (B) Define *Kaarana* and *Karya*. Explain the *Peelupaka* and *Pitharapaka* in detail.
 - (C) Define *Apta* and *Aptopadesha Pramana* along with the importance of *Aptopadesha Pramana* in clinical practice.
3. Answer any six questions. 30
 - (A) Define *Yukti Pramana* and describe its importance in therapeutics.
 - (B) Describe the types of *Kaarana* with examples.
 - (C) Describe the characteristics of *Sadhetu*.
 - (D) Explain the stanza in detail – असदकरणात् उपादानग्रहणात् सर्वं संभवाभावात् ।
शक्तस्यशक्यकरणात् कारणभावाच्च सत्कार्यम् ॥
 - (E) Describe the importance of *Upamana Pramana* in Ayurveda.
 - (F) Describe the *Shabdartha Bodhak Vritti*.
 - (G) Describe the six *Indriyarthasannikarsha*.
4. Answer any five questions.(In two to three sentences) 10
 - (A) Define *Vyapti* with example.
 - (B) Define *Arthaapatti Pramana* with example.
 - (C) Define *Tarka*.
 - (D) What is *Jnana Lakshana Pratyasaatti*?
 - (E) Write an example of *Adrashtaartha Shabda*.
 - (F) Enlist the names of tools of *Shaktigraha*.

SECTION – B

5. Explain the chronological development of *Sushruta Samhita* and contribution of *Dalhana*. 5
6. Answer any two questions. 10
 - (A) Write a note on *Samhita Kaala*.
 - (B) Write an introduction and contribution of *Gangaadhara*.
 - (C) Write about the importance of knowledge of Ayurveda Itihas.
7. Answer any five questions. (In two to three sentences) 10
 - (A) Enlist the *Laghutrayi*.
 - (B) Who is the author of *Bhavaprakasha Samhita*?
 - (C) Write the contribution of *Yadavaji Trikamji Acharya*.
 - (D) Write the full form of TKDL.
 - (E) Write the name of commentary on *Charaka Samhita* written by *Chakrapani*.
 - (F) Write the names of disciples of Maharshi Atreya.

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FIRST PROFESSIONAL - April – 2024 (OLD SYLLABUS)

KRIYA SHARIR-I

Date : 26/04/2024

Time : 10:00 A.M. - 01:00 P.M.

Friday

Marks : 100

Instructions : All the questions are compulsory.

SECTION - A

- 1 Write detail description of Vata Dosha along with its types and functions. 10
2. Answer any one question. 10
- (A) What is Prakriti? Write its types and write characteristics of Kapha Prakriti person.
- (B) Define Agni and write its types and functions.
3. Answer any four questions. 20
- (A) Write types of Pitta
- (B) Write Kshaya – Vriddhi Lakshana of Vata, Pitta and Kapha.
- (C) Complete the verse 'वयो अहोरात्रि भुक्तानां.....' and explain it in detail.
- (D) Write short note on Shad Dhatvatmak Purush.
- (E) Explain 'दोष धातु मल मूलं हि शरीरम् |' in detail.
4. Answer any five questions.(two to three sentences) 10
- (A) In which Ritu (season) Smachaya - Prakop- Prasham of Vata Dosha occur?
- (B) Write intrauterine factors responsible for Prakriti formation. (only Name)
- (C) Define 'Kostha'.
- (D) Write Mula Sthana of Annavaha Srotas.
- (E) Write location and functions of Tarpak Kapha.
- (F) Write types of Rajashik Satva (Prakriti- only Name)

SECTION – B

5. Describe digestion and metabolism of carbohydrates in detail. 10
6. Answer any one question. 10
- (A) Write physiology of vision along with its pathway
- (B) Describe mechanism of respiration in detail.
7. Answer any four questions. 20
- (A) Write functions of gall bladder
- (B) Describe transportation of various substances across cell membrane.
- (C) Write defecation reflex
- (D) Write short note on ventilation
- (E) Write short note on acid-base balance
8. Answer any five questions.(two to three sentences) 10
- (A) Define vital capacity
- (B) Write sources of Vit. B12 and Vit. D
- (C) Which areas of the brain are responsible for Speech?
- (D) Write full form of REM and NREM
- (E) Write about transportation of O₂
- (F) Define resting membrane potential

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KRIYA SHARIR-II

Date : 27/04/2024

Time : 10:00 A.M. - 01:00 P.M.

Saturday

Marks : 100

Instructions : All the questions are compulsory.

SECTION - A

- 1 Write location, properties, functions and quantity of Rasa-Dhatu. Write formation of Rasa Dhatu from Ahara Rasa and Rasa Vriddhi- Kshaya Lakshana. 10
2. Answer any one question. 10
 - (A) Define Sara. Write characteristics of Ashtavidha Sara.
 - (B) Define Upadhatu, write the difference between Dhatu and Upadhatu. Describe Artava in detail.
3. Answer any four questions. 20
 - (A) Write Asthi and Majja Vriddhi- Kshaya Lakshana.
 - (B) Write types of Ojas
 - (C) Complete the verse 'यदा तु मनसि क्लान्ते.....||' and explain in detail.
 - (D) Describe physiology of urine formation as per Ayurveda.
 - (E) Write Lakshana of Kshaya and Vriddhi of Raktadhatu, mutual interdependence of Rakta Dhatu and Pitta Dosha.
4. Answer any five questions.(two to three sentences) 10
 - (A) Write Mula Sthana of Purishvaha Srotas
 - (B) Write Shuddha Shukra Lakshana.
 - (C) Write Anjali Praman of Mamsa and Meda Dhatu.
 - (D) Write types of Nidra according to Acharya Charak(Only Name)
 - (E) Define Vyadhikshamtva.
 - (F) Write Karma of Manas.

SECTION - B

5. Describe Erythropoiesis in detail. 10
6. Answer any one question. 10
 - (A) Write hormones of anterior pituitary gland and their functions.
 - (B) Define immunity and write types of immunity.
7. Answer any four questions. 20
 - (A) Write ventricular events of cardiac cycle.
 - (B) Describe process of muscle contraction.
 - (C) Write short note on lipoproteins.
 - (D) What is micturition reflex?
 - (E) Write phases of menstrual cycle.
8. Answer any five questions.(two to three sentences) 10
 - (A) Write two hormones of hypothalamus (only name)
 - (B) Write functions of parathyroid gland (any two)
 - (C) What "P wave" indicates in ECG?
 - (D) Write names of clotting factors No. III and IX.
 - (E) S4 sound is produced during which Phase of cardiac Cycle?
 - (F) Write any four functions of skin.

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RACHANA SHARIR-I

Date : 29/04/2024

Time : 10:00 A.M. - 01:00 P.M.

Monday

Marks : 100

Instructions : All the questions are compulsory.

SECTION - A

- 1 Define Marma and explain classification of Marma according to Rachana and Shadang. 10
2. Answer any one question. 10
 - (A) Define Srotas and explain all the YogvahiSrotas according to Acharya Sushruta.
 - (B) Define Purusha and explain constitution of Purush according to Dhatubheda.
3. Answer any four questions. 20
 - (A) Write the definition of Sharira(शरीर) and explain Shaarir(शरीर)shastravibhag.
 - (B) Define Garbha and explain the role of Tridosha and Panchmahabhoot in foetal development.
 - (C) “स्नेहाभ्यक्ते यथा..... श्लेष्मणा तथा ”
Complete the stanza and explain it in detail.
 - (D) Define Angulipraman and explain its importance.
 - (E) Define Koshtha and write number and names of Koshthang.
4. Answer any five questions.(two to three sentences) 10
 - (A) Define Ida and Pingala Nadi.
 - (B) Write the number and names of Gyanendriya.
 - (C) Write the location and Viddhalakshan of Kshipramarma.
 - (D) Define Jala (जाल) and write its number.
 - (E) Define Shadang.
 - (F) Write the number and types of Asthi according to Acharya Sushruta.(only names)

SECTION – B

5. Describe Knee joint along with its clinical anatomy and figure. 10
6. Answer any one question. 10
 - (A) Explain Humerus bone along with its clinical anatomy and figure.
 - (B) Explain the gross anatomy of left atrium and left ventricle with its clinical anatomy.
7. Answer any four questions. 20
 - (A) Define fertilization and explain the formation of germ layer.
 - (B) Write the origin, insertion, nerve supply and clinical anatomy of Serratus anterior muscle.
 - (C) Explain the preservation methods of cadaver.
 - (D) Describe Mediastinum.
 - (E) Describe external features of Ilium bone.
8. Answer any five questions.(two to three sentences) 10
 - (A) Define Anatomical position.
 - (B) Write the names of carpal bones.
 - (C) Write the names of branches of Axillary artery
 - (D) Write the names of any four muscles originating from Scapula.
 - (E) Write the names of the subdivisions of Decidua.
 - (F) Write about Ligamentumarteriosum.

OK
KJ/PA/PA
29-4-2024

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

FIRST PROFESSIONAL - April – 2024 (OLD SYLLABUS)

RACHANA SHARIR-II

Date : 30/04/2024

Tuesday

Time : 10:00 A.M. - 01:00 P.M.

Marks : 100

Instructions : All the questions are compulsory.

SECTION - A

- 1 Describe the anatomy of Stomach and its clinical anatomy with diagram. 10
2. Answer any one question. 10
 - (A) Write the names of structure in female reproductive system and explain uterus in detail with figure.
 - (B) Describe the anatomy of Urinary bladder and its clinical anatomy with diagram.
3. Answer any four questions. 20
 - (A) Write the difference between Jejunum and Ileum.
 - (B) Explain the anatomy of Thyroid gland.
 - (C) Describe the anatomy of Pancreas.
 - (D) Describe the difference between right and left lung.
 - (E) Describe peritoneal and visceral relation of Rectum.
4. Answer any five questions.(two to three sentences) 10
 - (A) Write the blood supply of Liver.
 - (B) Write the names of parts of Epididymis.
 - (C) What is Transverse Mesocolon.
 - (D) Write the location of constrictions of Ureter.
 - (E) Write the names of impressions present on Spleen.
 - (F) Write the names of structures included in extra hepatic biliary apparatus.

SECTION - B

5. Explain the gross anatomy of Midbrain with diagram. 10
6. Answer any one question. 10
 - (A) Describe the anatomy of Nose with its clinical aspect and diagram.
 - (B) Describe the gross anatomy of cerebellum with diagram.
7. Answer any four questions. 20
 - (A) Write the difference between Sympathetic and Para sympathetic Nervous system.
 - (B) Describe the nine region of Abdomen.
 - (C) Describe the outer coat of Eye.
 - (D) Write about Ear Ossicles.
 - (E) Describe the anatomy of Tongue in brief.
8. Answer any five questions.(two to three sentences) 10
 - (A) Define gray and white matter.
 - (B) Write the extension of spinal cord and its length.
 - (C) Write the names of parts of brain stem.
 - (D) Define Corpus callosum.
 - (E) Write the names of cranial nerves.
 - (F) Write about Nasion.

2K
Rajpaul
Perit
20-4-2024