

GUJARAT AYURVED UNIVERSITY, JAMNAGAR
AYURVEDACHARYA-(B. A. M. S.) EXAMINATION
FIRST PROFESSIONAL SEPTEMBER - 2020
PADARTHA VIGYANAM- PAPER - I

Marks : 100

Instructions : All the questions are compulsory.

SECTION - A

1. Describe the fundamental principles of Ayurveda and their significance in Ayurveda. 10
2. Answer any one question. 10
 - (A) Write the definition, characteristics, classification and importance of Dravya.
 - (B) Describe the characteristics, qualities, subjects and functions of Mana.
3. Answer any four questions. 20
 - (A) Write the definition and types of Purusha.
 - (B) Explain the utility of Kala(काल) in Ayurveda.
 - (C) Complete and explain this stanza in detail – “इन्द्रियेण इन्द्रियार्थो हिवक्तुं कर्तुं वा बुद्धिपूर्वकम् ॥”
 - (D) Write a short note on: Nyaya Darshana.
 - (E) Explain the utility of Panchamahabhuta in Ayurveda.
4. Answer any five questions.(two to three sentences) 10
 - (A) Define Siddhanta.
 - (B) Define Padartha according to Ayurveda.
 - (C) Describe the significance of Disha in Ayurveda.
 - (D) Define Astika and Nastika.
 - (E) Describe the composition of Ayu.
 - (F) Define Bhuta.

SECTION – B

5. Write the definition of Samavaya along with its utility in Ayurveda. 10
6. Answer any one question. 10
 - (A) Describe about Dvandva Guna.
 - (B) Write the definition of Abhava and describe the classification of Abhava.
6. Answer any four questions. 20
 - (A) Describe about Adhyatmik Guna.
 - (B) Define Samyoga and describe the importance of Samyoga Guna in treatment.
 - (C) Complete and explain this stanza – ‘संयोगे च.....कर्म नान्यदपेक्षते ॥’
 - (D) Describe the therapeutic importance of Vishesha with examples.
 - (E) Define and classify the Samanya according to different scholars of Ayurveda.
7. Answer any five questions.(two to three sentences) 10
 - (A) Name the types of Karma according to Nyaya Darshana.
 - (B) Define Abhyasa with an example.
 - (C) Write any two points regarding the difference between Guna and Karma.
 - (D) Explain Karma Samanya with an example.
 - (E) Write any four Vishesha Dravya for Pitta Dosha.
 - (F) Is Abhava accepted in Ayurveda? Why?

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PADARTHA VIGYAN AND AYURVEDA ITIHAS - PAPER - II

Marks : 100

Instructions : All the questions are compulsory.

SECTION - A

1. Define Aptopadesha and describe the characteristic features of 'Apta' along with the significance of Aptopadesha Pramana in therapeutics. 15
2. Answer any two questions. 20
 - (A) Describe the types and importance of Shabdarthbodhak Vritti.
 - (B) Define the word 'Pratyaksha' and describe the clinical utility of Pratyaksha Pramana.
 - (C) Define and describe the therapeutic utility of Upamana Pramana.
3. Answer any six questions. 30
 - (A) Write the characteristic features of Sadhetu.
 - (B) Write a short note on: Peelupaka Vada
 - (C) Complete and explain this stanza in detail – 'असदकरणात् कारणभावाश्च सत्कार्यम् ॥'
 - (D) What is the need of other Pramana in spite of the availability of Pratyaksha Pramana?
 - (E) Define the word 'Indriya' and describe the Panchabhautikatva of Indriya.
 - (F) Describe about 'Panchaavayava Vakya'.
 - (G) Define the word 'Karana (कारण)' and describe the types of it.
4. Answer any five questions.(two to three sentences) 10
 - (A) Define Pramana.
 - (B) Enlist eight causes of Smriti.
 - (C) What is Vyapti?
 - (D) Which Pramana are useful in the examination of Prakriti of person?
 - (E) Which is the Asamavayi Karana for the manifestation of disease?
 - (F) "अग्निं जरणशक्त्या परीक्षेत" is which type of Pramana? Why?

SECTION – B

5. Is the study of Ayurveda Itihas useful now a day? How? 05
6. Answer any two questions. 10
 - (A) Write about Laghutrayi and their contribution in Ayurveda.
 - (B) Write about the chronological development of Charaka Samhita and its contribution in Ayurveda.
 - (C) Write about the aims and objectives of CCIM.
7. Answer any five questions.(two to three sentences) 10
 - (A) Mention the name of commentators of Sushruta Samhita.
 - (B) Write the contribution of Gananatha Sen.
 - (C) Write the full form of AYUSH.
 - (D) Write the full form of TKDL.
 - (E) Write about IPGT & RA, Jamnagar.
 - (F) Write the contribution of Chakrapani.

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FIRST PROFESSIONAL SEPTEMBER - 2020
SANSKRUTAM

Marks : 100

Instructions : All the questions are compulsory.

SECTION - A

- 1 यत्नोद्धिधाः आभ्यान्तर बाह्यश्च । Explain. 10
2. Answer any one question. 10
- (A) Do the process of Sandhi with specify the rules (Sutra) regarding:
(A) सहसा + एव (B) सूर्य + उदयः (C) पित्रादेशः (D) वधू + इच्छा
- (B) Do the process of Sandhi with specify the rules (Sutra) regarding:
(A) अन्तः + सुमार्जितम् (B) महत् + छत्रम् (C) निः + संतान (D) मूषकः + उत्पत्ति
3. Answer any four questions. 20
- (1) Make Vachya Parivartana of the following sentences :
(A) अहं पत्रं लिखामि । (B) गोपः गामं दुग्धं दोग्धि । (C) सः माणवकं पन्थानं पृच्छति ।
(D) मयुरैः नृत्यते । (E) लता राष्ट्रगीतं गायति ।
- (2) Prepare one sentence from each of the following verbs :
(A) अपठम् (B) हरिष्यति (C) जयतु (D) इच्छामि (E) स्मरिष्यामः
- (3) Write short note on : द्विगुसमास ।
- (4) अधोलिखित शब्दैः सह प्रत्ययं योजयत ।
(A) नीति + मतुप् (B) कल + इन् (C) श्वेत + टाप (D) समाज + इक (E) लघु + त्व
- (5) Write any four uses of the Karmakaraka.
4. Answer any five questions. 10
- (1) Make the correction of sentence : देवोवाच ।
- (2) Make the correction of sentence : बालो सुखेन शेते ।
- (3) Make the correction of sentence : राज्ञा प्रजाः पाल्यते ।
- (4) Translate the sentence in to English : अपि कुशलं (शिवं) भवतः ?
- (5) Translate the sentence in to English : स्वभावो दुरतिक्रमः ।
- (6) Translate the sentence in to Sanskrit : Union is strength.

SECTION - B

5. स्नायुभिश्च प्रतिच्छन्नान् सन्ततांश्च जरायुणा । श्लेष्मणा वेष्टितांश्चापि कलाभागांस्तु तान् विदुः ॥
Translate in to English and explain Sandhi, Samasa and Roop of the same. 10
6. Answer any one question. 10
- (1) Explain 'विकारोधातुवैषम्यं साम्यं प्रकृतिरुच्यते ।' and write about health.
- (2) अजीर्णे भेषजं वारि, जीर्णे वारि बलप्रदम् । भोजने चामृतं वारि, भोजनान्ते विषप्रदम् ॥ Explain.
7. Answer any four questions. 20
- (1) Write short note on : Hygiene.
- (2) Write short note on : चत्वारि दानानि ।
- (3) Do the process of Sandhi : (A) अथ + अतः (B) धातु + आशय (C) अणु + अस्थिषु
- (4) Write the name of Samasa : (A) शुक्रशोणितस्य (B) स्थूलास्थिषु (C) सरक्तम्
- (5) Identify the Roopa : (A) धन्वन्तरिः (B) धावति (C) गर्भस्य
8. Answer any five questions. 10
- (1) Write the name of five Tantras of पंचतंत्र.
- (2) What is the Samasa of पंचतंत्र ?
- (3) Write the Sanskrit name of Mongoose.
- (4) Translate the verse :
अपरीक्ष्य न कर्तव्यं कर्तव्यं सुपरीक्षितम् । पश्चाद्भवति सन्तापो ब्रह्मण्यां नकुलार्थतः ॥
- (5) Translate the verse :
दूरधिगमः परभागो यावत्पुरुषेण साहसं न कृतम् । जयति तुलामधिरुद्धो भास्वानिह जलदपटलानि ॥
- (6) Translate the verse: सर्वनाशे समुत्पन्ने अर्थं त्यजति पण्डितः । अर्थेन कुरुते कार्यं सर्वनाशो हि दुःसहः ॥

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MAULIK SIDDHANT AVUM ASHTANG HRIDAYA

Marks : 100

Instructions: All the questions are compulsory.

SECTION - A

- 1 Explain the key functions of Rasadi Dhatu along with their Vriddhi - Kshaya Lakshana in detail. 10
2. Answer any two questions. 20
 - (A) Mention the Adharaniya Vega and describe any five with the signs and symptoms and treatment in brief.
 - (B) Describe the characteristics, types and treatment of Ajirna.
 - (C) Describe the Varsha Ritucharya and importance of Ritusandhi in Ayurveda.
3. Answer any four questions. 20
 - (A) Write about the relation of Dosha with age, day, night, diet, Ritu.
 - (B) Describe the treatment of Sthaulya mentioned in Dvividhopakramaniya Adhyaya.
 - (C) Explain this Sutra in detail – “ओजोवृद्धौ हि देहस्य तुष्टिपुष्टिबलोदयः ॥”
 - (D) Define Vyayama along with its duration and contra indications.
 - (E) Write a short note on: Viruddha Ahara in context to present era.
4. Answer any five questions.(two to three sentences) 10
 - (A) Mention the factors responsible for the movement of Dosha from Koshta to Shakha.
 - (B) Mention the types of Roga Pariksha Vidhi.
 - (C) Describe the characteristics of Sukha Sadhya (easy to cure) Vyadhi.
 - (D) Mention the qualities of Haritaki
 - (E) Mention the Tikta Rasa Karma.
 - (F) Define Yapya Roga.

SECTION – B

5. Write the complete Vamana Vidhi along with its Samyak Siddhi Lakshana. 10
6. Answer any four questions. 20
 - (A) Write the difference between Marsha and Pratimarsha Nasya.
 - (B) Write a short note on: Jalaukavacharana Vidhi (Procedure of Leech application).
 - (C) Explain this Sutra in detail – “तस्माच्चिकित्सार्थं इति प्रदिष्टः कृत्स्ना चिकित्साऽपि च बस्तिरेकैः ॥”
 - (D) Write about Samyak and Ati Snehana Lakshana.
 - (E) Write about Yogya (suitable) and Ayogya (unsuitable) persons for Svedana Karma.
7. Answer any five questions.(two to three sentences) 10
 - (A) Mention the suitable time for Snehana.
 - (B) Describe the advantages of Anjana.
 - (C) Mention the indications of Agnikarma.
 - (D) Describe the benefits of Dhumapana.
 - (E) What is the importance of Tantrayukti?
 - (F) Name the numbers of Tacchilya and Kalpana.

Write the

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KRIYA SHARIR - PAPER - I

Marks : 100

Instructions : All the questions are compulsory.

SECTION – A

- 1 Give the general introduction about the “Agni” in detail. 10
2. Answer any one question. 10
 - (A) Give the general introduction about the “*Kapha Dosha*” in detail.
 - (B) Give the general introduction about the “*Astha ahar vidhi viseshayatana*” and “*Ahar parinamkar bhava*”.
3. Answer any four questions. 20
 - (A) What are the benefits of being known person of one’s “*Prakriti*”?
 - (B) Explain about the “*Loka-Purusha Samya*” Principle.
 - (C) Explain the etiological factors responsible for “*Vata and Pitta Vriddhi*”
 - (D) Explain the physiology of speech as per “*Ayurveda*” concept.
 - (E) Explain the mutual relationship among the “*Triguna-Panchamahabhuta-Tridosha*”.
4. Answer any five questions. (two to three sentences) 10
 - (A) Mention the “*Mula*” of “*Rasavaha Srotas*”.
 - (B) Define the term “*Purusha*”.
 - (C) Define the term “*Sharir*”.
 - (D) Mention the types of “*Kriyakala*”
 - (E) Mention the types of “*Koshtha*”.
 - (F) Mention the functions of “*Apana Vayu*”

SECTION – B

5. Explain the Acid base balance in detail. 10
6. Answer any one question. 10
 - (A) Explain the functional anatomy of Spinal cord.
 - (B) Explain the chemical control of respiratory system.
7. Answer any four questions. 20
 - (A) Mention the normal functions of different cellular organelles.
 - (B) Explain about the Visual pathway.
 - (C) Explain about the exchange of O₂ and CO₂ at tissue and blood level.
 - (D) Explain the normal functions of stomach.
 - (E) Explain the manifestations of hypovitaminosis.
8. Answer any five questions. (two to three sentences) 10
 - (A) Mention the normal volume and P_H of the Pancreatic juice.
 - (B) Mention the parts of large intestine.
 - (C) Define the term action potential.
 - (D) Which are considering as primary inspiratory muscles?
 - (E) Mention the parts of CNS.
 - (F) Mention the normal volume and P_H of Bile juice.

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KRIYA SHARIR - PAPER - II

Marks : 100

Instruction - All the questions are compulsory.

SECTION - A

1. Describe the Ojas in detail. 10
2. **Answer any one out of two questions.** 10
 - (1) Explain Kshirdadhi Nyaya in detail.
 - (2) Describe location, properties and functions of Rasa Dhatu.
3. **Answer any four out of five questions.** 20
 - (1) Write the features of Shuddha Rakta with its Praman.
 - (2) रसाद् रक्तं ततो मांसम् । - Explain it.
 - (3) Describe properties and functions of Mamsa Dhatu.
 - (4) Explain Ashraya - Ashrayi Bhav.
 - (5) Describe features of Shuddha Shukra.
4. **Answer any five out of six questions.** 10
 - (1) Write the names of all Upadhatu.
 - (2) Name the types of Svapna.
 - (3) Write the names of all the Gyanendriya.
 - (4) Write the Praman of Meda Dhatu and Majja Dhatu.
 - (5) Write manifestations of Asthi Dhatu Kshaya.
 - (6) Write manifestations of Vriddhi of Meda Dhatu.

SECTION - B

5. Describe the functions of blood in details. 10
6. **Answer any one out of two questions.** 10
 - (1) Explain cardiac cycle.
 - (2) Describe functional anatomy of urinary tract with functions of Kidney.
7. **Answer any four out of five questions.** 20
 - (1) Explain mechanism of blood clotting.
 - (2) Explain menstrual cycle.
 - (3) Write about lipoproteins.
 - (4) Describe physiology of muscle contraction.
 - (5) Describe the functions of adrenal gland with its hormones.
8. **Answer any Five out of Six questions.** 10
 - (1) Define immunity.
 - (2) Which are the different types of heart sounds ?
 - (3) Define spermatogenesis.
 - (4) Name the types of blood groups.
 - (5) Name the types of WBC (White Blood Cells).
 - (6) Write the names of hormones which secretes from thyroid gland.



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RACHANA SHARIR - PAPER - I

Marks : 100

Instructions : All the questions are compulsory.

SECTION – A

- 1 Describe the role of tridosha and panchmahabhuta in the fetal development in detail. 10
2. Answer any one question. 10
(A) Explain the types of srotas and srotomula according to Sushruta.
(B) Write the types and description of ashaya in detail.
3. Answer any four questions. 20
(A) Write the structure and importance of peshi.
(B) Explain the shadangatvam of sharira .
(C) नाभिस्थाः प्राणिनां प्राणाः प्राणान्नाभिव्युपाश्रिता |
सिराभिरावृता नाभिश्चक्रनाभिरिवारकैः ||
(D) Explain the sadyahpranahara marma.
(E) Write about pittadhara and sukradhara kalaa.
4. Answer any five questions.(two to three sentences) 10
(A) Write the name of shatchakra.
(B) Write the definition of marma.
(C) Write the number and name of gyanendriya.
(D) What is koshtanga?
(E) Write about pratara sandhi.
(F) What is kandara?

SECTION – B

5. Describe the definition and type of joints. 10
6. Answer any one question. 10
(A) Explain the definition and branches of anatomy.
(B) Describe the fetal circulation.
7. Answer any four questions. 20
(A) Describe the patella bone.
(B) Explain the lymph glands with their clinical aspect.
(C) Write the origin, insertion, action and nerve supply of gluteus maximus muscle.
(D) Describe the left ventricle of the heart.
(E) Write about germ layers formation and their derivatives.
8. Answer any five questions.(two to three sentences) 10
(A) Define the terms proximal and distal.
(B) Write about sinoatrial (S A) node.
(C) Write the number and name of carpal bones.
(D) Write the definition of embryo.
(E) What is ossification?
(F) What is coronal plane?

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RACHANA SHARIR - PAPER - II

Marks : 100

- Instructions: 1. Every question is compulsory.
2. Every question bears the marks written on the right side.

SECTION-A

1. Write the name of the organs of female reproductive system and explain the anatomy of the uterus with figure. 10
 2. Explain the anatomy of spleen with diagram. 10
- OR**
- Describe the pleura with it's clinical aspects.
3. Answer any **Four** of the following : 20
 - A. Write the anatomy of vermiform appendix.
 - B. Explain the pituitary gland.
 - C. Write the anatomy of male urethra.
 - D. Explain the anatomy of testis.
 - E. Write the difference between right and left lungs.
 4. Answer any **Five** of the following : 10
 - A. Write the location of parathyroid glands.
 - B. What is mesentery ?
 - C. Write the parts of pancreas (name only).
 - D. Explain the seminal vesicles.
 - E. What is right colic (hepatic) flexure ?
 - F. Explain the renal pelvis.

SECTION-B

5. Describe the anatomy of Ear with figure. 10
 6. Explain the Mid Brain with diagram. 10
- OR**
- Describe the brachial plexus.
7. Answer any **Four** of the following : 20
 - A. Explain the autonomic nervous system.
 - B. Describe the epidermis.
 - C. Write the nine regions of the abdomen.
 - D. Describe the papillae of the tongue.
 - E. Describe the nasal cavity.
 8. Answer any **Five** of the following : 10
 - A. Write the ventricles of the brain. (name only)
 - B. Write the surface marking of tricuspid valve of the heart.
 - C. Write about Iris.
 - D. What is blind spot in the eye ?
 - E. Write the name of the 5th and 10th cranial nerves.
 - F. Explain the white matter.
