

GUJARAT AYURVED UNIVERSITY, JAMNAGAR

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

SECOND PROFESSIONAL MAY – 2019

DRAVYAGUNA VIJNAN PAPER - I

Date: 09-05-2019
Thursday

Time :- 3:00 p.m. to 6:00 p.m.
Marks : 100

Instructions : All the questions are compulsory.

SECTION - A

1. Give detail description of basis of plant nomenclature according to classical texts of Ayurveda and modern taxonomy. 10
2. Answer any one question. 10
 - (A) Explain interrelation of Rasaadipanchaka with respect to their actions i.e. Karma.
 - (B) Write Panchabhautika Sangathan, Guna, Virya & Doshagnata of Aagneya Rasa.
3. Answer any four questions. 20
 - (A) Write note on Prabhavajanya Karma with examples.
 - (B) Explain modern concept of Taste.
 - (C) "तस्यापीयं परीक्षा- इदमेव प्रकृत्यैवंगुणमेवंप्रभावमस्मिन्....." | Explain the stanza in detail.
 - (D) Write about theories regarding type of Vipaka according to scholar of Aatreya school.
 - (E) "रक्तपित्तहरौ शोफत्रयविनाशनौ सर्वमेहहरौ.....॥" (सु.सू.) Explain this Paribhasika Yoga from Mishraka Gana.
4. Answer any five questions. (two to three sentences) 10
 - (A) Give classical definition of Chaturvidha Audabhida (Sthavara) Dravya.
 - (B) 'मरुभूमिरारोग्यदेशानाम् |' Explain it shortly.
 - (C) Mention any two effective methods of collection of Bark.
 - (D) Which drugs should be used after one year of its collection?
 - (E) Write properties of Mahisha Dugdha & Mahisha Mutra.
 - (F) Enlist Dravyas of Prajaasthapana Mahakashaya.

SECTION – B

5. Write essay on basic principles of cultivation and conservation of medicinal plants with examples. 10
6. Answer any one question. 10
 - (A) Explain basic principles of general pharmacology in detail.
 - (B) Describe various methods of purification of Dravyas and write procedure of Shodhana of Chitraka, Guggulu, Kampillaka, Ativisha & Musta.
7. Answer any four questions. 20
 - (A) Define sedatives, hypnotics and tranquilisers with examples.
 - (B) Describe any two pharmacological actions related to diseases of Digestive system.
 - (C) चित्रकभावतो दंती क्षारः शिखरीजोऽथवा | अभावे धन्वयासस्य प्रक्षेप्या तु दुरालभा ||
Explain principles of Abhava Dravya with examples.
 - (D) Write short note on immunomodulators and correlate it with Ayurveda science.
 - (E) Write short note on Anti malarial drugs.
8. Answer any five questions. (two to three sentences) 10
 - (A) Mention any four scientific tools used to detect adulteration in medicinal plants.
 - (B) Write any two examples of plant or animal or mineral based Vitamin D.
 - (C) Write about period and author of Haritakyaadi Nighantu.
 - (D) Define Antacids with two examples.
 - (E) Give four examples of Ayurvedic contraceptives.
 - (F) Enlist any two categories of an Endangered medicinal species with two examples.

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DRAVYAGUNA VIJNAN PAPER - II

Date: 10-05-2019
Friday

Time :- 3:00 p.m. to 6:00 p.m.
Marks : 100

Instructions: All the questions are compulsory.

SECTION - A

- 1 Describe in detail about Rasona. 10
2. Answer any one question. 10
 - (A) Write the Latin name, Family, External morphology, Rasapanchaka & Amayikaprayoga of Kanchara.
 - (B) Write the Latin name, Family, External morphology, Rasapanchaka & Amayikaprayoga of Sariva
3. Answer any four questions. 20
 - (A) Write the useful parts and Amayika Prayoga of Ashwagandha.
 - (B) Write toxic effect, its treatment and purification method of Vatsanabha.
 - (C) शिरिषो विषघ्नानाम् । Explain it.
 - (D) Write the External morphology of Shatavari.
 - (E) Write the types, useful parts, dose and various formulation of Guggula.
4. Answer any five questions. (two to three sentences) 10
 - (A) Write the synonyms of Amalaki.
 - (B) Write the types of Chitraka.
 - (C) Write any two Amayika prayoga of Vasa.
 - (D) Write useful parts and formulation of Brahmi.
 - (E) Write the Rasapanchaka of Adraka and Sunthi.
 - (F) Write the Phytoconstituents of Kapikachchhu.

SECTION – B

5. Write in detail about Apamarga. 10
6. Answer any one question. 10
 - (A) Write Latin name, Family, Habitat, Rasapanchaka, External morphology, Parts used, Formulation of Karpura.
 - (B) Write Latin name, Family, Habitat, Rasapanchaka, External morphology, Parts used, Formulation of Varuna.
7. Answer any four questions. 20
 - (A) Write short note on Gorochana.
 - (B) Methika - Explain in short.
 - (C) शतपत्री हिमा हृद्या ग्राहिणी शुक्रला लघुः । Explain the stanza in detail.
 - (D) Explain in short – Dugdha Varga.
 - (E) Write Latin name, Family, Habitat, Parts used and Indication of Chakramarda.
8. Answer any five questions. (two to three sentences) 10
 - (A) Write useful parts and indication of Babbula.
 - (B) Write Latin name, family and indication of Ajamoda.
 - (C) Write the dose and indication of Parasika Yavani
 - (D) Write the name of any four drugs useful in Prameha.
 - (E) Write Rasapanchaka and indication of Indravaruni
 - (F) Write useful parts and indication of Langali.

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RASASHASTRA EVAM BHAISHAJYA KALPANA - PAPER - I

Date: 11-05-2019

Time :- 3:00 p.m. to 6:00 p.m.

Saturday

Marks : 100

Instructions : All the questions are compulsory.

SECTION – A

1. Define Samskara. Describe the various types of samskaras with it's uses. 10
2. Answer any one question. 10
 - (A) Explain Jarana. Describe it's various types in detail.
 - (B) Give a brief introduction to Quality Control & Standardization of Rasa ausadhis.
3. Answer any four questions. 20
 - (A) Vrintaka Musha
 - (B) Ayurveda Prakasha
 - (C) पर्पटी पाटनी भेदी ।
अन्धकारी तथा घ्वांक्षी विज्ञेयाः ।। Explain the verse.
 - (D) Kachhapa Yantra
 - (E) Nagarjuna
4. Answer any five questions. (two to three sentences) 10
 - (A) Mitra Panchak
 - (B) Raseshwara Darshana
 - (C) E.M.F.
 - (D) Rasa Gati
 - (E) Mudra
 - (F) Satwapatana

SECTION – B

5. Write the Synonyms, Shodhan, Marana, Doses & two Visistha Yogas of Swarna Makshika. 10
6. Answer any one question. 10
 - (A) Write the Samanya Sodhana of Dhatu Varga & Vishesha Shodhana of Ratna Varga.
 - (B) Describe Shodhan of Haratala, Pravaala and Marana of Tuvvari, Vanga.
7. Answer any four questions. 20
 - (A) Bhallataka
 - (B) Sveta Parpati
 - (C) वस्त्रबद्ध हि काजिके ।
निर्यातं मर्द्रनातबस्त्रात् ।। Explain the verse.
 - (D) Kampillaka
 - (E) Saptamrita Loha
8. Answer any five questions. (two to three sentences) 10
 - (A) Tamra Doshas
 - (B) Uparatana
 - (C) Mayura pichha satwapatana
 - (D) Types of Manashila
 - (E) Mandura
 - (F) Dugdha Pashana

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RASASHASTRA EVAM BHAISHAJYA KALPANA - PAPER - II

Date: 13-05-2019

Monday

Time :- 3:00 p.m. to 6:00 p.m.

Marks : 100

Instructions : All the questions are compulsory.

SECTION - A

- 1 Describe the Arishta Kalpana by its definition, standard pharmaceutical procedure, Sandhana Siddhi Lakshana with example of Draksharishta. 10
2. Answer any one question. 10
 - (A) Describe Ancient and Contemporary systems of 'Maana'.
 - (B) Explain Sneha Murchhana Vidhi with example of Ghreeta and Tila Taila Murchhana.
3. Answer any four questions. 20
 - (A) Write a short note on "Capsule filling machine".
 - (B) Write a short note on "Suppositories".
 - (C) तोयपूर्णे यदा पात्रे क्षिप्तो न प्लवते गुडः । क्षिप्तश्च निश्चलस्तिष्ठेत् पतितस्तु न शीर्यते ॥
यदा दर्वीप्रलेपः स्याद् यावद्वा तन्तुलो भवेत् । एष पाको.....गन्धवर्णरसान्वितः ॥
Explain the stanza in detail.
 - (D) Write general method of Ark preparation with Agni application.
 - (E) Write a short note on "Laksha Rasa".
4. Answer any five questions.(two to three sentences) 10
 - (A) Write definition of Sharkara.
 - (B) Masi Kalpana.
 - (C) Write preparation method of Kshara.
 - (D) Define Manda & Peya.
 - (E) Write synonyms of Vati.
 - (E) Write ingredients of Vesavara.

SECTION - B

5. Describe The Drugs and Cosmetics Rules, 1945 in context Ayurvedic (Including Siddha) or Unani Drugs. 10
6. Answer any one question. 10
 - (A) Give brief description of 'standardization of Kashtaushadhi Formulations'.
 - (B) Write the dosage forms (Kalpana) which are useful in Netrarogas, explain any two in details.
7. Answer any four questions. 20
 - (A) Compare between Lepa and Upanaha.
 - (B) Explain Adulterated Drugs as per Section 33EE of Drugs & Cosmetics Act, 1940.
 - (C) सिक्थकं तिलतैलश्च युक्तमानविमिश्रितम् । विपक्वं नवनीताभं.....प्रकीर्तितम् ॥
Explain the stanza in detail.
 - (D) Write Ingredients and preparation method of Sarjarasa Malahar.
 - (E) Give brief introduction of 'Emulsions'.
8. Answer any five questions.(two to three sentences) 10
 - (A) Write bases of Ointment.
 - (B) Which precautions are taken during preparation of eye drops?
 - (C) Write difference in between Gandusha & Kavala.
 - (D) Give definition of GMP.
 - (E) Explain 'Tooth Paste'.
 - (E) Classification of Nasya.

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CHARAKA SAMHITA (PURVARDHA)

Date: 14-05-2019

Tuesday

Time :- 3:00 p.m. to 6:00 p.m.

Marks : 100

Instructions : All the questions are compulsory.

SECTION - A

- 1 Explain the Purvarupiya Arishta of any four Vyadhi. 10
2. Answer any one question. 10
- (A) Write about Snehapana Vidhi in detail.
- (B) What are the Sangraha Dvaya Adhyaya ? Describe the qualities of Pranabhisara Vaidya.
3. Answer any four questions. 20
- (A) Explain the difference between Chhaya and Prabha.
- (B) Justify the statement. "Bhishaka is the supreme among all the four limbs".
- (C) यद्गुणं चाभीक्षणं पुरुषमनुवर्तते सत्त्वं तत्सत्त्वमेवोपदिशन्ति मुनयो बाहुल्यानुशयात् ।- Explain the sutra in detail.
- (D) Write the definitions of Chikitsa.
- (E) Describe the Varsha Rutucharya.
4. Answer any five questions.(two to three sentences) 10
- (A) Enlist the Guna.
- (B) Name the chapters of Swastha Chatushka.
- (C) Define Pathya.
- (D) Name the Vaikruta Swara.
- (E) Name the Shad Upakrama.
- (F) Name the best Shukadhanya and Shamidhanya.

SECTION - B

5. Answer the following questions. 10
- (A) What is Nidana- Panchaka? Explain the Samprapti.
- (B) Write the Purvarupa and Chikitsa sutra of Gulma.
6. Answer any one question. 10
- (A) Explain the Nidana, Samprapti and Chikitsa Sutra of Prameha.
- (B) Write about Kushtha Nidana Adhyaya in detail.
7. Answer any four questions. 20
- (A) Write the meaning of Vimana. State the importance of Anumana in diagnosis.
- (B) Write the causes and Lakshanas of Pranavaha Srotodushti.
- (C) सर्वरोगविशेषज्ञः सर्वकार्यविशेषवित् ।
सर्वभेषजतत्त्वज्ञो राज्ञः प्राणपतिर्भवेदिति ॥ -Explain the sutra in detail.
- (D) Write about the Ahara Parinamakara Bhava.
- (E) Write a short note on Krimi Chikitsa.
8. Answer any five questions. (two to three sentences) 10
- (A) Define Buddhi.
- (B) Enlist the Sattva Bheda.
- (C) Enlist Mano Vishaya.
- (D) Name the Atmaja Bhava.
- (E) What is the Garbha Swarupa in the Second Month ?
- (F) Write any four Balavriddhikara Bhava.

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ROGA NIDANA EVAM VIKRITI VIGYAN - PAPER - I

Date: 15-05-2019

Wednesday

Time :- 3:00 p.m. to 6:00 p.m.

Marks : 100

Instructions : All the questions are compulsory.

SECTION – A

- 1 Explain Annava Srotodushti Hetu and Lakshnani in detail and discuss Ama Samanya Lakshanani. 10
2. Answer any one question. 10
 - (A) Which are the Environmental Disorders? Explain with examples.
 - (B) Describe Nidanarthkara Vyadhi and also discuss about Hetu, Linga and Vyadhi Sankarya.
3. Answer any four questions. 20
 - (A) Explain Vyadhi Ghataka.
 - (B) Write in brief about Ashta Nindita Purusha.
 - (C) ओजस्तु तेजो धातुनां शुक्रान्तानां परम् स्मृतम् । Explain the stanza in detail.
 - (D) Which are the Oja Khsaya Lakshanas ?
 - (E) Write classification of Tumors.
4. Answer any five questions.(two to three sentences) 10
 - (A) What is Bija Dushti ?
 - (B) Write in brief about Nanatmaja Vikara.
 - (C) Which are Satpavidha Dukham according to Sushruta?
 - (D) Write about Rakta Vriddhi Lakshanas.
 - (E) Which are the hereditary disorders ?
 - (F) Define Forensic Pathology.

SECTION – B

5. Define Upashaya and explain its types with examples in details. 10
6. Answer any one question. 10
 - (A) Explain Ashta Sthana Pareeksha in details.
 - (B) Discuss types and importance of Sadhyasadyatwa with clinical importance.
7. Answer any four questions. 20
 - (A) Explain Samanya Purvarupa.
 - (B) Write importance of MRI and CT Scan.
 - (C) हेत्वादि कात्स्न्यावयवैः बलाबल विशेषणम् । Explain the stanza in detail.
 - (D) Elaborate the concept of Upadrava.
 - (E) Discuss clinical importance of Aptopadesha Pareeksha.
8. Answer any five questions. (two to three sentences) 10
 - (A) What is Vikalpa Samprapti ?
 - (B) Write about Utpadaka and Vyanjaka Hetu.
 - (C) Define Jivha Pareeksha in brief.
 - (D) Explain in brief Sara Pareeksha.
 - (E) What is Udarka?
 - (F) Write in brief about Mutra Taila Bindu Pareeksha.

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SECOND PROFESSIONAL MAY – 2019

ROGA NIDANA EVAM VIKRITI VIGYAN - PAPER - II

Date: 16-05-2019
Thursday

Time :- 3:00 p.m. to 6:00 p.m.
Marks : 100

Instructions : All the questions are compulsory.

SECTION - A

- 1 Describe Vishama Jwara in detail and write in brief about Punravartaka Jwara. 10
2. Answer any one question. 10
 - (A) Explain Kaphaja Prameha in detail and discuss role of Diabetes Mellitus as a life style disorder.
 - (B) Write etiopathology of Leukaemia and Thalessemia , explain its diagnostic methods.
3. Answer any four questions. 20
 - (A) Write Lakshana Samucchaya of Ardita Roga.
 - (B) Write symptoms of Parkinson's disease.
 - (C) सामान्यं लक्षणं तेषां प्रभूताविलमूत्रता ।
दोषदूष्याविशेषेऽपि तत्संयोग विशेषतः ॥ Explain the stanza in detail.
 - (D) Explain aetiology of Male Infertility in brief.
 - (E) What is Koshtha-Shakhashrita Kamla?
4. Answer any five questions.(two to three sentences) 10
 - (A) Write 3 main causes of Stroke.
 - (B) Define Katigraha Vyadhi.
 - (C) What is Eczema?
 - (D) Write Vatarakta Lakshanani.
 - (E) Give difference between Vataja and Kaphaja Shotha.
 - (F) What is the Ubhayaga Raktapitta ?

SECTION – B

5. Write Hetu, Samprapti and Lakshana of Krimi Roga in detail also write definition of Parasitology. 10
6. Answer any one question. 10
 - (A) Write Nidana Panchaka of Kasa Roga and explain Bornchitis in brief.
 - (B) Describe etiopathogenesis of Pneumonia and mention its diagnostic tests.
7. Answer any four questions. 20
 - (A) Explain Vilambika.
 - (B) Write a brief note on Anxiety Neurosis.
 - (C) कफवातात्मतकावेतो पित्तस्थानसमुद्रवौ । Explain the stanza in detail.
 - (D) What is Upadamsha?
 - (E) Write types of Shoola.
8. Answer any five questions. (two to three sentences) 10
 - (A) Name five types of Hikka.
 - (B) What is the meaning of UTI ?
 - (C) Which Srotas get vitiated in Trisha Roga?
 - (D) Write name of five Kasa.
 - (E) What is the meaning of Kshatodara?
 - (F) What is Vishada?
