

GUJARAT AYURVED UNIVERSITY, JAMNAGAR

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

SECOND PROFESSIONAL NOVEMBER – 2019

DRAVYAGUNA VIJNAN PAPER - I

Date: 05-11-2019
Tuesday

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

Instructions : All the questions are compulsory.

SECTION - A

1. Define Vipak and explain different views regarding types of Vipak in details. 10
2. Answer any one question. 10
 - (A) Define dravya and give different types of classification according to Ayurveda.
 - (B) Define guna and give its classification and write in brief the importance of sharir guna.
3. Answer any four questions. 20
 - (A) Differentiate grahi and stambham karma with example
 - (B) Explain Astavidha Veerya
 - (C) Explain deepan and pachan karma
 - (D) स्वाद्धम्ल लवण वायुं कषायस्वादुतिक्तकः जयति पित्तम् । Explain this verse.
 - (E) Enlist dravyas of vayah sthapan mahakashaya
4. Answer any five questions. (two to three sentences) 10
 - (A) Explain method of collection of drugs (Aushadhi sangrahan vidhi)
 - (B) Types of triphala
 - (C) Write panchabhautika constitution of tikta & kashaya rasas
 - (D) Difference between trijatka and chaturjatka
 - (E) Write about lavana panchak
 - (F) Define samanyapratyarabdha

SECTION - B

5. Define pharmacology and describe the routes of drug administration. 10
6. Answer any one question. 10
 - (A) Write a short note on antimalarial drugs
 - (B) Write a short note on antibiotics
7. Answer any four questions. 20
 - (A) Write a note on Dhanawantari Nighantu
 - (B) Write concepts of dravya shodhan
 - (C) Write concept of pratinidhi dravya
 - (D) Write brief note on adulteration of dravya
 - (E) Write shodhan vidhi of vatsanabh
8. Answer any five questions. (two to three sentences) 10
 - (A) Write any two antipyretic drugs
 - (B) Write any two antifungal drugs
 - (C) Write any two laxatives
 - (D) Write any two antihypertensive drugs
 - (E) Write about contraceptive drugs
 - (F) Write any two analgesic drugs

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DRAVYAGUNA VIJNAN PAPER - II

Date: 06-11-2019
Wednesday

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

Instructions : All the questions are compulsory.

SECTION - A

- 1 Write detail description of Haritaki 10
2. Answer any one question. 10
 - (A) Write Latin name, family, synonyms, external morphology and usable parts of Kanchara.
 - (B) Write important phyto-constituents, raspanchak, pharmacological action, amayik prayog, matra and vishist yoga of Hingu.
3. Answer any four questions. 20
 - (A) Write purification method of Kupilu.
 - (B) Write short note on Vidarigandha.
 - (C) पुष्करमूलं हिक्का कास श्वास पार्श्वशूल हराणाम् । Explain the stanza in detail.
 - (D) Explain rupa vigyan of Trivruta.
 - (E) Explain characteristics of Guduchi.
4. Answer any five questions. (two to three sentences) 10
 - (A) Write utpatti sthan of Vatsanabha and Kushth.
 - (B) Write two therapeutic uses of Ativisha.
 - (C) Write two synonyms of Khadir and Shunthi.
 - (D) Write Latin name, family of Markandika and Bhringaraj.
 - (E) Write usable parts of Karkatshringi and Kesar.
 - (F) Write rasapanchak of Ardra and Shushka Pippali.

SECTION – B

5. Explain the drug Shigru in detail. 10
6. Answer any one question. 10
 - (A) Explain the chemical constituents, Latin name, family, Rasapanchak, adverse effect and indication of Kupilu.
 - (B) Describe briefly the drug Sharpunkha and Yojanavalli.
7. Answer any four questions. 20
 - (A) Write short note on Kasturi.
 - (B) Explain in brief the drug Parijata.
 - (C) द्राक्षा पक्वा सरा शीता चक्षुष्या बृंहणी गुरुः । Explain the stanza in detail.
 - (D) Write introductory note on Tail Varga.
 - (E) Rasapanchak and amayik prayog of Lodhra.
8. Answer any five questions. (two to three sentences) 10
 - (A) Latin name, family and indication of Parnayavani.
 - (B) Latin name, family and indication of Nagakeshara.
 - (C) Name any two shool prashaman dravyas.
 - (D) Write rasa panchak of Mandukparni.
 - (E) Write any two formulation of Amalaki.
 - (F) Write any two formulations of Kutaj.

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RASASHASTRA EVAM BHAISHAJYA KALPANA - PAPER - I

Date: 07-11-2019

Thursday

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

Marks : 100

Instructions : All the questions are compulsory.

SECTION - A

- 1 Explain "Parpati Kalpana" by describing preparation method of Rasa Parpati. 10
2. Answer any one question. 10
 - (A) Write Concept, definition and types of Puta with detail description of Gajaputa & Kumbhaputa.
 - (B) Describe Concept of Rasashala and Rasamandap.
3. Answer any four questions. 20
 - (A) Write a short note on "Thermocouple and Pyrometer with its applications".
 - (B) Write a short note on "Quality Control of Rasaoushadhies".
 - (C) निर्लेपत्वं द्रुतत्वं च तेजस्त्वं लघुता तथा ।
असंयोगश्च सूतेन॥ Explain the stanza in detail.
 - (D) Describe "Hot Air Oven and its applications".
 - (E) Describe types of "Patana Yantra" in details.
4. Answer any five questions.(two to three sentences) 10
 - (A) Ingredients and Bhavana Dravya of Tribhuvan Kirti Rasa.
 - (B) Aupadhika Dosha of Parada.
 - (C) Apurnarbhava.
 - (D) Types of Khalvya Yantra.
 - (E) Uses of Heating Mantle & Hot Plate.
 - (E) Mitrapanchaka.

SECTION - B

5. Describe Trividh Pakakrama of Loha. 10
6. Answer any one question. 10
 - (A) Write Samanya Shodhana of Sadharana Rasa and give detail description of Hingula.
 - (B) Write Grahya Lakshana, Collection & Storage, Shodhana, Antidote, Therapeutic & toxic doses, Therapeutic uses and Formulations of Bhallataka.
7. Answer any four questions. 20
 - (A) Ingredients, preparation method and Bhesajprayogvidhi of Swarnavanga.
 - (B) Write a short note on "Kasturi".
 - (C) मृतानि लोहानि रसीभवन्ति निघ्नन्ति युक्तानि महमयांश्च ।
अभ्यासयोगाद् द्रढदेहसिद्धिं कुर्वन्ति रूजन्मजराविनाशम् ॥ Explain the stanza in detail.
 - (D) Write Shodhana of Chitrakamool & Snuhi Kshira.
 - (E) Write a short note on "Bhasma Pariksha".
8. Answer any five questions.(two to three sentences) 10
 - (A) Preparation method of Yavakshara.
 - (B) Samanya Marana of "Ratna".
 - (C) Types of 'Anjana'.
 - (D) Ingredients of "Navayasa Loha" and its uses.
 - (E) Write names of eight Yoni of Mukta.
 - (E) Shodhan of 'Sasyaka'.

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RASASHASTRA EVAM BHAISHAJYA KALPANA - PAPER - II

Date: 08-11-2019

Friday

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

Marks : 100

Instructions : All the questions are compulsory.

SECTION - A

- 1 Describe detail description on concept of Saviryatavadhi (shelf life) and stability in ancient and contemporary science. 10
2. Answer any one question. 10
 - (A) Explain Fundamental principles of Bhaishajya Kalpana in details.
 - (B) Describe the Avaleha Kalpana by its definition, standard manufacturing process, Siddhi Lakshana, the time of addition of Prakshepa Dravya, shelf life, dose and Anupana?
3. Answer any four questions. 20
 - (A) Write a short note on "End Runner & Edge Runner".
 - (B) Write a short note on "Capsule".
 - (C) पुटपाकस्य मात्रेयं लेपस्यङ्गारवर्णता । लेपं च द्वयंगुलं स्थूलं कुर्यादंगुष्ठमात्रकम् ॥
..... स्वरसवद्बुधैः । Explain the stanza in detail.
 - (D) Describe 'Guggulu Kalpana'.
 - (E) Write definition, preparation method, Prakshepa Dravya with proportion and dose of 'Kwatha'.
4. Answer any five questions.(two to three sentences) 10
 - (A) Describe concept of Pathya and Apathya.
 - (B) Write ingredients of 'Kumaryasava' and its uses.
 - (C) Write method of Kshara Sutra preparation.
 - (D) Define Khad Kamblika, Raga and Shadava.
 - (E) Write 'Nava Purana Dravya Grahana Niyam'.
 - (E) Write ingredients of 'Narayana Taila' and its uses.

SECTION - B

5. Describe concept of Aushadhi Nirmanshala, with respect to GMP (Good Manufacturing Practices) in accordance to Schedule-T. 10
6. Answer any one question. 10
 - (A) Describe Rule 158(B) [Guidelines for issue of license with respect to Ayurveda, Siddha or Unani drugs] of Drugs & Cosmetics Rules, 1945.
 - (B) Write definition of the dosage forms (Kalpana) which are useful in Nasarogas, explain any two in details.
7. Answer any four questions. 20
 - (A) Give detail description of Mouth wash.
 - (B) Write method of preparation of Dhumavarti and its therapeutic uses.
 - (C) सुखं संचार्यते या तु मात्रा स..... । स प्रकीर्तितः ॥
Explain the stanza in detail.
 - (D) Describe 'Lepa Kalpana'.
 - (E) Give brief introduction of 'Creams and Gels'.
8. Answer any five questions.(two to three sentences) 10
 - (A) Write preparation method of Gandhaka Malahara.
 - (B) Write method of preparation of Niruha Basti.
 - (C) Define Udavartana and Avachurnan.
 - (D) Define 'Pratisarana'.
 - (E) Define 'Anjana and Ashchyotana'.
 - (E) Eye ointments.

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CHARAKA SAMHITA (PURVARDHA)

Date: 09-11-2019
Saturday

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

Instructions : All the questions are compulsory.

SECTION - A

- 1 Name the chapters of the *Nirdesha* and *Roga Chatushka* (निर्देश-रोग चतुष्क) and describe the *Trividha Aushadha* (त्रिविध औषध) 10
2. Answer any one question. 10
 - (A) Explain the four types of *Ayu* and prove the *Shashvatatva* (शाश्वतत्व) of *Ayurveda*.
 - (B) Why are the *Atisthoola* (अतिस्थूल) and *Atikrisha* (अतिकृश) considered to be *Nindita Vishesha* (निन्दित विशेष)? Write their management principle.
3. Answer any four questions. 20
 - (A) Write a note on the *Anujyotiya Indriya* (अणु ज्योतीय इन्द्रिय) *Adhyaya*.
 - (B) Explain the *Yukti Pariksha* (युक्ति परीक्षा) with some examples.
 - (C) Explain the stanza in detail.
दोषप्रकृतिवैशेष्यं नियतं वृद्धिलक्षणम् । दोषाणां प्रकृतिर्हानिर्वृद्धिश्चैवं परीक्ष्यते ॥
 - (D) Name the types of dream (स्वप्न) and explain their effects (फल)
 - (E) Name the twenty *Shleshma Vikara*.
4. Answer any five questions. (two to three sentences) 10
 - (A) Enumerate the *Chaaya* (छाया)
 - (B) Which *Sthana* of *Charaka Samhita* is known as the *Arishta Sthana* ?
 - (C) What should be the taste (*Rasa*) of the *Danta kashtha* (दन्त काष्ठ) ?
 - (D) Write the four qualities of a patient.
 - (E) Name the *Hridayamaya* (हृदयामया:).
 - (F) Define the *Viruddha Ahara*

SECTION - B

5. (A) Write a note on factors of transformation of food (आहार परिणामकरा भावाः) 5
- (B) Write the *Purvaroopo* of *Shosha*. 5
6. Answer any one question. 10
 - (1) Define the word '*Vimana*' and explain the four types of *Agni* according to its strength.
 - (2) What are the factors responsible for *Janapadodhwansa* (जनपदोद्ध्वंस)? Explain their *Vikrit Lakshana*.
7. Answer any four questions. 20
 - (A) Why should we avoid the excess use of *lavana* (लवण)? Explain.
 - (B) Write a note on the characteristics of *Vata Prakriti* on the basis of the qualities of *Vata*.
 - (C) Explain the stanza in detail.
प्रयोगः शमयेद्ब्याधिं योजन्यमन्यमुदीरयेत् । नासौ विशुद्धः, शुद्धस्तु शमयेद्वो न कोपयेत् ॥
 - (D) Mention the *Nidana* and *Samprapti* of *Raktapitta*.
 - (E) Define *Mana* and write the special qualities (असाधारण लक्षण) of the *Mahabhuta*.
8. Answer any five questions. (two to three sentences) 10
 - (A) What should be done in the *Purvaroopo* stage of the *Jwara* ?
 - (B) Define *Smriti*.
 - (C) What is the status of the *Garbha* in the first month?
 - (D) Define the *Pratijna* (प्रतिज्ञा)
 - (E) What is *Ahetu* (अहेतु)?
 - (F) Name any four synonyms of *Srotasa*.

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SECOND PROFESSIONAL NOVEMBER – 2019

ROGA NIDANA EVAM VIKRITI VIGYAN - PAPER - I

Date: 11-11-2019

Monday

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

Marks : 100

Instructions : All the questions are compulsory.

SECTION – A

- 1 Describe Dosha Dhatu Ashray Ashrayi Bhava and explain its clinical importance. 10
2. Answer any one question. 10
 - (A) What are the criteria for nomenclature of Diseases in Ayurveda, explain with examples.
 - (B) Write definition and brief process of Inflammation also discuss process of healing and repair.
3. Answer any four questions. 20
 - (A) Explain Hetu, Bheda and Lakshana of Agni Dushti.
 - (B) Explain the clinical importance of Doshagati.
 - (C) आममन्तरसं केचित्, केचित्तु मलसंचयम् ।
प्रथमा दोष दुष्टिं च ।। Explain the stanza in detail.
 - (D) Mala Pradoshaja Vikara.
 - (E) Describe the Mechanism of Oedema.
4. Answer any five questions.(two to three sentences) 10
 - (A) Which are Meda Kshaya Lakshanani.
 - (B) Write Sama Vayu Lakshana.
 - (C) Write in brief about Vyadhi Avastha.
 - (D) Mention types of Virus.
 - (E) What is DSM classification ?
 - (F) Write Samanya Ama Lakshana.

SECTION – B

5. Describe types of Hetu in detail and write importance of Nidana with examples. 10
6. Answer any one question. 10
 - (A) What is Vikriti ? Discuss types of Vikriti and relevance of Arishta in present era.
 - (B) Which are the Dashvidha Pareeksyas Bhava ? Also explain its practical utility.
7. Answer any four questions. 20
 - (A) Define Vishishta Purvarupa with examples.
 - (B) Give difference between Vyadhi and Lakshana.
 - (C) यो दुर्बलत्वात् व्याधी करणात् असमर्थः । Explain the stanza in detail.
 - (D) Explain Sthansanshray Kriyakala.
 - (E) Write general diagnostic principles of Anukta Vyadhi.
8. Answer any five questions. (two to three sentences) 10
 - (A) What is Sankhya Samprati ?
 - (B) Write the importance of Anupashaya.
 - (C) Explain in brief practical utility of X-rays.
 - (D) Discuss in brief relevance of Anumana Pareeksha.
 - (E) What is Pratyatma Lakshana ?
 - (F) Write principle of ECG.

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SECOND PROFESSIONAL NOVEMBER – 2019

ROGA NIDANA EVAM VIKRITI VIGYAN - PAPER - II

Date: 13-11-2019
Wednesday

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

Instructions : All the questions are compulsory.

SECTION - A

- 1 Describe Hetu, Samprapti, Purvarupa and types of Raktapitta Vyadhi and write brief note on bleeding disorders. 10
2. Answer any one question. 10
(A) Explain Charakokta Sannipata Jwara and write etiopathology of Typhoid Fever.
(B) Explain Anaemia with its classification in detail.
3. Answer any four questions. 20
(A) Describe Kaphaja Prameha.
(B) Symptomatology of Gridharasi Roga.
(C) पादयोः मूलमास्थाय कदाचिद् हस्तयोरपि । Explain the stanza in detail.
(D) Write a brief note on Purusha Vandhyatva.
(E) What is Parkinson's disease explain in brief.
4. Answer any five questions.(two to three sentences) 10
(A) Types of Vishama Jwara.
(B) Write about Etiology of Spleenomegaly in brief.
(C) Discuss Complications of Obesity.
(D) Write cardinal features of Psoriasis.
(E) Write name of Kshudrakushthas.
(F) What is M.I.?

SECTION - B

5. Write Tri Rupa, Shad Rupa and Ekadasha Rupa of Rajyakshama and explain Pneumonia in brief. 10
6. Answer any one question. 10
(A) Which are the Agnimandya Janita Vyadhis? Explain Ajeerna Roga in detail.
(B) Explain Water and Electrolyte imbalance disorders.
7. Answer any four questions. 20
(A) Describe Krimi Hetu in detail.
(B) Explain Unmada Samanya Lakshanani.
(C) आसीनो लभते सौख्यमुष्णं चैवाभिनन्दति । Explain the stanza in detail.
(D) What is Vilambika? How it is different from Alasaka?
(E) Write classification of Trishna Roga.
8. Answer any five questions. (two to three sentences) 10
(A) Write a brief note on Shleepada.
(B) What is Nichaya Gulma ?
(C) Define Annadrava Shoola.
(D) Give difference between Adhmana and Atopa.
(E) Write names of Diagnostic tests for Tuberculosis.
(F) What is Peptic Ulcer ?
