

GUJARAT AYURVED UNIVERSITY, JAMNAGAR

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

FOURTH PROFESSIONAL EXAMINATION : MARCH-2023

KAYACHIKITSA - PAPER – I

Date : 27/03/2023
Monday

Time : 03:00 p.m. to 06:00 p.m.
Marks : 100

Instructions : All the questions are compulsory.

SECTION - A

- 1 Describe the langhana in details with its types, and utility in current healthcare systems. 10
2. Answer any one question. 10
 - (A) Describe in detail the Pitta dosha chikitsa upakrama with its utility in management of acid peptic diseases.
 - (B) Describe the difference between sharira-manasa roga and manasa roga as per Ayurveda. Write their management principles with medicines used in it.
3. Answer any four questions. 20
 - (A) Write a note on disorders of oja and their management
 - (B) Diseases and management of Majja & Shukra Pradoshajavikara.
 - (C) Complete the verse and describe the management principle.
अस्थ्याश्रयाणां व्याधीनां भेषजम्| च||२७|| [Cha.Sa.Su.28/27]
 - (D) Describe signs of depleted (kshaya) and increased (vridhi) state of vata dosha and its management.
 - (E) Write a note on application of aahara vidhi in preservation of health
4. Answer any five questions.(two to three sentences) 10
 - (A) Write signs of Rasa kshaya
 - (B) Write principles of management of Meda kshaya
 - (C) Write a short note on Lina dosha chikitsa
 - (D) Write symptoms of Raktadhatu dushti
 - (E) Write names of dashavidha pariksha
 - (F) Write names of four medicines used in brimhana chikitsa

SECTION – B

5. Write the samprapti, chikitsa sutra and detail management of Mada, Murchha and Sanyasa. 10
6. Answer any one question. 10
 - (A) Describe the principles of naturopathy in healthcare and disease management. Discuss the similarities and differences with Ayurvedic medical system.
 - (B) Describe the management of taruna jwara, its clinical assessment and give list of ayurvedic medicines used in it.
7. Answer any four questions. 20
 - (A) Write a note on management of Aamavata
 - (B) Write a note on management of dengue fever
 - (C) Write the reference of following verse and describe its importance.
तन्महत् ता महामूलास्तञ्चोजः परिरक्षता| परिहार्या विशेण मनसो दुःखहेतवः||१३||
 - (D) Describe clinical features of pneumonia and principles of management.
 - (E) Write management of vatarakta.
8. Answer any five questions.(two to three sentences) 10
 - (A) Write clinical features of acute renal colic
 - (B) Write clinical features of hypovolemic shock
 - (C) Write clinical signs of hypotension
 - (D) Write chikitsa sutra of Kamla.
 - (E) Write names of medicines used in National health program for leprosy
 - (F) Write four medicines used in treatment of Amlapitta

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FOURTH PROFESSIONAL EXAMINATION : MARCH-2023

KAYACHIKITSA - PAPER – II

Date : 28/03/2023
Tuesday

Time : 03:00 p.m. to 06.00 p.m.
Marks : 100

Instructions : All the questions are compulsory.

SECTION - A

- 1 Describe in details the management of Shwasa with it types and prognosis. 10
2. Answer any one question. 10
- (A) Write the principles of management of Shotha with clinical assessment and therapeutics.
- (B) Write the types and management of Grahani. Describe the importance of deepana-pachana procedures in it.
3. Answer any four questions. 20
- (A) Write a note on management of disorders due to electrolyte imbalance with medicines.
- (B) Write a note on management of Parshvashoola with therapeutics.
- (C) Complete the verse and write management of this disease. प्राग्रूपं मुखशोषः, स्वलक्षणं सर्वदाऽम्बुकामित्वम् | सर्वासां लिङ्गानां लाघवमपायः ||८|| [Cha.Sa.Chi.22/8]
- (D) Write diagnosis and management of manyastambha with specific panchakarma procedures.
- (E) Write difference between alasaka and vilambika with treatment.
4. Answer any five questions.(two to three sentences) 10
- (A) Write a short note on adhmana with medicines used in it.
- (B) What is vatakantaka?
- (C) Write clinical features of raktagata vata.
- (D) Write a short note on management of neuralgia.
- (E) Write clinical features of Gullian Barrie syndrome.
- (F) Write chikitsa sutra of Pakvashayagata vata
- SECTION – B**
5. Describe in details the principles of management of Sthaulya (obesity), its clinical assessment and complications associated with obesity. 10
6. Answer any one question. 10
- (A) Write in details about types and management of Klaihya.
- (B) Write in details about types and management of Unmada. What is the utility of psychotherapy in it?
7. Answer any four questions. 20
- (A) Write a note on applications of achara rasayana in current era
- (B) Write about diagnosis and management of asthi sushirya.
- (C) Complete the following verse and describe importance of the sutra:
न तु अमातिसारिणे | आमयान्बहून् ||१५|| [Cha.Sa.Chi.19/15]
- (D) Write a note ksheeranuvritti (milk diet) in management of various disorders.
- (E) Write a note on anxiety disorders and its management through Ayurveda.
8. Answer any five questions.(two to three sentences) 10
- (A) What is buddhi medhakara gana mentioned by Sushruta?
- (B) Which are stress related disorders?
- (C) What are clinical features of cystitis?
- (D) Write medicines used in management of krimi.
- (E) What is bhuta vidya?
- (F) Write clinical features of syphilis.

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FOURTH PROFESSIONAL EXAMINATION : MARCH-2023

PANCHAKARMA

Date : 29/03/2023
Wednesday

Time : 03:00 p.m. to 06.00 p.m.
Marks : 100

Instructions : All the questions are compulsory.

SECTION - A

- 1 Write etymology, definition of *Virechana* karma. Explain classification of *Virechana* drugs and general properties of *Virechana Dravya*. 10
2. Answer any one question. 10
 - (A) Explain principles of *Doshagati* from *Kostha* to *Shakha* and *Shakha* to *Koshtha* and its importance in Panchakarma.
 - (B) Write indications and contraindications for *Snehana*. Explain *Shamanartha* and *Bhrimhanarth Snehana*.
3. Answer any four questions. 20
 - (A) Describe *Takra Dhara*
 - (B) Write *Samyak Yoga*, *Ayoga* and *Atiyoga* of *Svedana*.
 - (C) Explain the stanza in detail.
“कृतबलि होम मङ्गलं प्रायश्चित्तं निरत्रातिस्निग्धं । यवाग्वाघृत मात्रां पीतवन्तं” ॥
 - (D) Write properties, actions, preparations, and preservation of *Kutaja & Nimba*.
 - (E) Explain *Samsarjana Krama* and *Tarpanadi Kram* in reference to *Vamana*.
4. Answer any five questions.(two to three sentences) 10
 - (A) What is *Uttama* and *Aarohana Matra* of *Snehana*
 - (B) What is the meaning of *Jeerna* and *Jeeryaman Lakshana* in *Snehana*?
 - (C) Name 5 drugs used in *Pinda Swedana* procedure.
 - (D) Write synonyms of *Madanaphala* and number of yoga of *Madanaphala* mentioned by *Charak*.
 - (E) Explain *Adhamana Vyapada* in *Vamana*.
 - (F) According to *Sushrut* which is the best *Moola Virechana*, *Tvak Virechana*, *Phala Virechana* and *Taila Virechana* drug?

SECTION – B

5. Explain classifications and sub classifications of *Nasya Karma* and write indications and contraindications of *Nasya*. 10
6. Answer any one question. 10
 - (A) Explain detailed study of traditional *Basti yantra* (*Putaka* and *Netra*) and name *Putaka Doshas*.
 - (B) Write definition, importance and types of *Rakta Mokshana*
7. Answer any four questions. 20
 - (A) Write contents, indications and method of preparation of *Pichhchha Basti* and *Madhutailik Basti*.
 - (B) Explain method of application and *Samyak Lakshana* of *Jalaukavacharana*.
 - (C) Explain the stanza in detail.
पकाशयाद् बस्तिवीर्यं खैदेहं उपसर्पति । वृक्षमूलनिषिक्तानामपां वीर्यक्षिव द्रमम् ॥
 - (D) Explain utility of physiotherapy and write short note on ultrasonic therapy.
 - (E) Explain post management of *Nasya Karma*.
8. Answer any five questions.(two to three sentences) 10
 - (A) Write *Uttam*, *Madhyam* and *Heena Matra* of *Sneha Nasya*
 - (B) What is the name of *Sira* which circulates only pure blood?
 - (C) Which instrument is used for *Shirovedhana* in abdomen and head region?
 - (D) Write *Uttar Basti Drava Matra* as per *Charaka Samhita*
 - (E) Write number of *Basti* indicated as per *Dosha*.
 - (F) Write indications of *Yapana Basti*.

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FOURTH PROFESSIONAL EXAMINATION : MARCH-2023

SHALYA TANTRA - PAPER – I

Date : 31/03/2023
Friday

Time : 03:00 p.m. to 06.00 p.m.
Marks : 100

Instructions : All the questions are compulsory.

SECTION - A

1. Describe in details – types and good qualities of Kshara, Kshara Karma and importance of Kshara in Shalya Tantra Chikitsa. 10
2. Answer any one question. 10
 - (A) Describe Agnikarma in detail. Enlist its various types, indications-contraindications, Samyak and Asamyak Dagdha Lakshna and Chikitsa.
 - (B) Define Sangyahanana / Anesthesia and enlist its types. Describe Local Anesthesia in detail.
3. Answer any four questions. 20
 - (A) Describe Rakta Sarva and Rakta Stambhana Upaya from Ayurved and modern aspects.
 - (B) What is Acidosis and Alkalosis ? Write its symptomatology and management.
 - (C) Explain the Shloka and give reference: लाघवं वेदनाशान्ति व्याधेर्वेगपरिक्षयः ।
सम्यग्विस्त्राविते लिङ्गं प्रसादो मनसस्त्था ॥
 - (D) Define Ashtavidha shastra karma and enlist indication and instruments used for them respectively.
 - (E) What is importance and Diagnostic use of X-ray in surgery?
4. Answer any five questions.(two to three sentences) 10
 - (A) Enlist types and names of Jalauka.
 - (B) Write procedure for diagnosis and extraction of Pranashta Shalya in Asthi Sandhi.
 - (C) Enlist Physical methods of sterilization.
 - (D) Define Shalya and Shalya Tantra.
 - (E) Write Number and names of Vaikalyakara Marma.
 - (F) Give names of Bandhana according to Shape.

SECTION – B

5. Define Vranashotha / Inflammation. Describe its stages, types, clinical features and general treatment according to Ayurveda. 10
6. Answer any one question. 10
 - (A) What is Sadya-Vrana ? What are its Prakara, Lakshana and Chikitsa according to Ayurveda?
 - (B) Describe in detail Dagdha Vrana / Burns and Scalds.
7. Answer any four questions. 20
 - (A) Write a short note on Vidradhi.
 - (B) Write Short note on Deep vein thrombosis.
 - (C) Explain the Shloka with reference. पक्वं वा बहिरुन्नद्धं भित्त्वा व्रणवदाचरेत् ।
स्रुतेषुद्रवमधो वाऽपि मैरैयाम्ल सुरासवोः ॥
 - (D) Describe in detail, care to be practiced in surgical treatment of HIV-AIDS patients.
 - (E) Give Nirukti, Nidana, Samprati, Prakara, Lakshan, Sadhyasadyata and Upadrava of Arbuda.
8. Answer any five questions. (two to three sentences) 10
 - (A) Write about Kotha / Gangrene.
 - (B) Write “Samyaka rudha Vrana” – Lakshana.
 - (C) Write types of “Vrana Srava” according to Ayurveda.
 - (D) Write about Chippha – Paronychia.
 - (E) Write about treatment of Yovanpidika.
 - (F) Write about treatment of Pashangardabh.

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FOURTH PROFESSIONAL EXAMINATION : MARCH-2023

SHALYA TANTRA - PAPER – II

Date : 01/04/2023
Saturday

Time : 03:00 p.m. to 06.00 p.m.
Marks : 100

Instructions : All the questions are compulsory.

SECTION - A

1. Explain about " भगंदर" in ayurveda as well as modern point of view 10
2. Answer any one question. 10
 - (A) Write About Cranio - Cerebral Injury Cause, Classification, Complication And Management
 - (B) " जलोदर" Cause, Symptoms, Diagnosis And Management
3. Answer any four questions. 20
 - (A) Name congenital anomalies of bone and explain about osteomyelitis.
 - (B) Difference between "अन्नद्रव शूल" and "परिणाम शूल" and explain their management
 - (C) Definition of Acute Abdomen and nomenclature (नामकरण) of acute abdomen conditions.
 - (D) Write about intestine perforation cause, symptoms and it's management
 - (E) Symptoms of crohn's disease and it's management
4. Answer any five questions.(two to three sentences) 10
 - (A) Name diagnostic techniques of fibroadenoma
 - (B) Nomenclature of अर्शसां साधनोपायः
 - (C) Clinical features of intestinal obstruction
 - (D) Write "काण्ड भग्न सामान्य लक्षण "
 - (E) Complications of oesophageal varices
 - (F) Nomenclature types of "संधिमुक्त भग्न" (Dislocation)

SECTION – B

5. Explain in detail about " वृक्काशमरी " in ayurveda as well as modern point of view 10
6. Answer any one question. 10
 - (A) Write Aetiopathogenesis, Types, Symptoms And Management Of Inguinal Hernia
 - (B) Write about "मूत्रकृच्छ" निदान, प्रकार, लक्षण, संप्राप्ति and चिकित्सा"
7. Answer any four questions. 20
 - (A) Explain about "यकृत विद्रधि" clinical features, diagnosis and management
 - (B) Write complication and management of pancreatitis
 - (C) Write "परिवर्तिका" (paraphimosis) symptoms and management
 - (D) Write about cause, complications and management of urethral rupture
 - (E) Benign prostate hyperplasia (BPH) symptoms and management
8. Answer any five questions.(two to three sentences) 10
 - (A) Symptoms of cholecystitis
 - (B) What is "अवपाटिका" ?
 - (C) Write management of retention of urine
 - (D) Indication of splenectomy
 - (E) Write symptoms of orchitis
 - (F) Name congenital anomalies of kidney

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FOURTH PROFESSIONAL EXAMINATION : MARCH-2023

SHALAKYA TANTRA - PAPER – I

Date : 03/04/2023
Monday

Time : 03:00 p.m. to 06.00 p.m.
Marks : 100

Instructions : All the questions are compulsory.

SECTION - A

1. Define Kriyakalpa and describe Akshi Tarpana in detail according to Acharya Sushruta. 10
2. Answer any one question. 10
 - (A) Describe Pakshmakopa Roga along with detailed treatment according to Acharya Sushruta.
 - (B) What is funduscopy? Write the name of instruments used for it and write indications, contra indications and method of funduscopy.
3. Answer any four questions. 20
 - (A) Write short note: Chhedana Karma in Netraroga.
 - (B) Describe anatomy of lacrimal apparatus according to modern science.
 - (C) Explain the stanza in detail. द्वे वर्त्मपटले विद्याच्चत्वार्यन्यानि चाक्षिणि |
जायते तिमिरं येषु व्याधिः परमदारुणः ॥
 - (D) Describe Pooyalasa along with its treatment according to Acharya Sushruta.
 - (E) Write in brief about Acharya Nimi.
4. Answer any five questions. (Two to three sentences) 10
 - (A) Write the Lakshana of Utsangini according to Acharya Sushruta.
 - (B) Write the types of blepharitis.
 - (C) Write the names of Pittaja Asadhya Netraroga according to Acharya Sushruta.
 - (D) What is optic disc?
 - (E) Write the treatment of Pothaki according to Acharya Sushruta.
 - (F) Write the cardinal symptoms of ptosis.

SECTION – B

5. Describe Kaphaja Linganasha in detail along with its treatment according to Acharya Sushruta. 10
6. Answer any one question. 10
 - (A) Define glaucoma and describe Primary angle closure glaucoma in detail.
 - (B) Describe the types of Arma along with treatment according to Acharya Sushruta.
7. Answer any four questions. 20
 - (A) Write Short note: Corneal opacity
 - (B) Explain Akshipakayaya in detail according to Acharya Sushruta.
 - (C) Explain the stanza in detail. प्रायेण सर्वे नयनामयास्तु भवन्त्यभिष्यन्दनिमित्तमूलाः |
तस्मादभिष्यन्दमुदीर्यमाणमुपाचरेदाशु हिताय धीमान् ॥
 - (D) Write the difference between Shuktika and Pishtaka according to Acharya Sushruta
 - (E) Describe about 'Malnutrition and eye diseases'.
8. Answer any five questions. (Two to three sentences) 10
 - (A) Write names of any two modern surgical methods of cataract surgery.
 - (B) In which Drishtigata Roga night vision decreases according to Acharya Sushruta?
 - (C) What is presbyopia?
 - (D) Write the treatment of Anyato Vata according to Acharya Sushruta.
 - (E) Write the symptoms of Xerophthalmia
 - (F) Write the cardinal symptoms of Hatadhimantha according to Acharya Sushruta.

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FOURTH PROFESSIONAL EXAMINATION : MARCH-2023

SHALAKYA TANTRA - PAPER – II

Date : 05/04/2023
Wednesday

Time : 03:00 p.m. to 06.00 p.m.
Marks : 100

Instructions : All the questions are compulsory.

SECTION - A

1. Write the Samanya Nidana of Nasaroga and describe Dushta Pratishyaya in detail according to Acharya Sushruta. 10
2. Answer any one question. 10
 - (A) Describe deafness along with its types according to modern science.
 - (B) Write Samanya Nidana of Shiroroga and describe the disease Suryavarta in detail.
3. Answer any four questions. 20
 - (A) Write short note: Sandhana Karma in Sushruta Samhita.
 - (B) Explain physiology of nose according to modern science.
 - (C) Explain the stanza in detail. नासा हि शिरसो द्वारम्..
 - (D) Describe the difference between Karna Nada and Karna Kshweda.
 - (E) Describe Anterior rhinoscopy.
4. Answer any five questions. (Two to three sentences) 10
 - (A) Write the symptoms of Vatik Shirahshool according to Acharya Sushruta.
 - (B) Complete the Shloka. सामान्यं कर्णरोगेषु _____ रसायनम् |
_____ ऽशिरःस्नानं _____ मकत्थनम् ||
 - (C) Write the definition of Darunaka according to Acharya Sushruta.
 - (D) Write the treatment of Dipta according to Acharya Sushruta.
 - (E) Write the cardinal symptom of acute frontal sinusitis.
 - (F) Write the names of bones which form chain in middle ear.

SECTION – B

5. Write the Paribhasha (definition) of Mukha, describe the Samanya Nidana and describe Sarvasara Mukhapaka according to Acharya Sushruta. 10
6. Answer any one question. 10
 - (A) Write the Sankhya (number) and name of Dantamulagata Roga and describe the Roga Dantanadi according to Acharya Sushruta.
 - (B) Describe the disease Acute Tonsilitis in detail according to modern medical science.
7. Answer any four questions. 20
 - (A) Write short note: Laryngeal cartilages
 - (B) Describe treatment of Krimidanta according to Ayurveda.
 - (C) Explain the stanza in detail. शर्करैव स्थिरीभूतो मलो दन्तेषु यस्य वै |
सा दन्तानां गुणहरी विज्ञेया दन्तशर्करा ||
 - (D) Describe the symptoms and treatment of Kanthashaluka according to Acharya Sushruta.
 - (E) Write the causes, symptoms and treatment of Cleft palate.
8. Answer any five questions. (Two to three sentences) 10
 - (A) Write the names of layers of a typical tooth.
 - (B) Write difference between Kavala and Gandusha.
 - (C) Write the name of Asadhya Taluroga according to Acharya Sushruta.
 - (D) Write the Pratyatma Lakshana of Kaphaja Jihva Kantaka according to Acharya Sushruta.
 - (E) Write the names of salivary glands.
 - (F) Write the difference between Ekvrunda and Vrunda according to Acharya Sushruta.

GUJARAT AYURVED UNIVERSITY, JAMNAGAR

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

FOURTH PROFESSIONAL EXAMINATION : MARCH-2023

RESEARCH METHODOLOGY AND MEDICAL STATISTICS

Date : 06/04/2023

Thursday

Time : 03:00 p.m. to 04.30 p.m.

Marks : 50

Instructions : All the questions are compulsory.

SECTION - A

1. Mention any five evidences of research in *Charaka Samhita*. 5
2. Answer any three questions. 15
 - (A) What is the difference between *Qualitative and Quantitative Research*?
 - (B) Defining *hypothesis*, write its importance in *Research*.
 - (C) What is the role of *Aptopadesha Pramana* in *Research*.
 - (D) Write a note on *Evidence Based Medicine*.
3. Answer any five questions. 10
 - (A) What is the meaning of the word *Gaveshana*?
 - (B) What is *RIMS* ?
 - (C) Define *Applied Research*.
 - (D) What is *IEC* ?
 - (E) What is *Referencing*?
 - (F) Name any two essential qualities of a *Research Scholar*.

SECTION - B

4. What are the methods of *Data Presentation*? Describe any one in detail. 5
5. Answer any one question. 5
 - (A) Write a note on *Standard Error*.
 - (B) Write a note on *Probability*.
6. Answer any five questions. 10
 - (A) Define *Normal Distribution*.
 - (B) Define *Medical Statistics*.
 - (C) Define *Median*.
 - (D) What is *Biological Variability*?
 - (E) What are the two important characteristics of a *sample*?
 - (F) What is *CCRAS* ?
