

GUJARAT AYURVED UNIVERSITY, JAMNAGAR
AYURVEDACHARYA-(B. A. M. S.) EXAMINATION

Fourth Professional : July - 2021

KAYACHIKITSA - PAPER - I

Marks : 100

Instructions : All the questions are compulsory.

SECTION - A

- 1 Write definition and synonyms of Chikitsa and describe Chikitsa Chatushpada. 10
2. Answer any one question. 10
 - (A) Write importance of Shadavidha Upakrama in Chikisa.
 - (B) Write importance of Shodhana, Shamana, Pathya and Nidana Parivarjana in Chikitsa.
3. Answer any four questions. 20
 - (A) Write name of Rashapradoshaja Vikara and describe its Chikitsa Sutra.
 - (B) Write environmental disorders and its management.
 - (C) संक्षेपतः क्रियायोगो I Complete the stanza and describe it.
 - (D) Importance of Aushadha Sevana Kala in Chikitsa.
 - (E) Write treatment of Dhatukshaya.
4. Answer any five questions.(two to three sentences) 10
 - (A) What is Avarana?
 - (B) Importance of Agni in Chikitsa.
 - (C) Write Karma of Mana.
 - (D) Types of Doshaprakopa.
 - (E) Write definition of Samprapti.
 - (F) Write symptoms of Samyaka Langhana.

SECTION - B

5. Write Chikitsa Sutra of Raktavaha Srotodusti Vyadhi and describe detail Chikitsa of Kamala. 10
6. Answer any one question. 10
 - (A) Write Samprapti and Chikitsa of Vatarakta.
 - (B) Write Chikitsa of Jirna Jwara and Sannipatik Jwara.
7. Answer any four questions. 20
 - (A) Write short notes- Encephalitis.
 - (B) Describe Shadanga Paniya.
 - (C) ज्वरे तुल्येर्तुदोषत्वं I
..... सुख साध्यस्य लक्षणम् II Complete the stanza and describe it.
 - (D) Write Dosha involvement in Mahakustha and describe Pathyapathya of Kustha.
 - (E) Describe Sidhha Chikitsa.
8. Answer any five questions.(two to three sentences) 10
 - (A) Write emergency treatment of Gastritis.
 - (B) Write prognosis of Kustha.
 - (C) What is Kshudra Roga?
 - (D) Write investigations of Tuberculosis.
 - (E) Write full form of IHD.
 - (F) Write name of Langhana Ayogya Jwarit.

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Fourth Professional : July - 2021

KAYACHIKITSA - PAPER – II

Marks : 100

Instructions : All the questions are compulsory.

SECTION - A

- 1 Describe Chikitsa Sutra of Vatavyadi and Write Chikitsa of Ardita. 10
2. Answer any one question. 10
 - (A) Describe Chikitsa Sutra of Grahani and write different between Grahani and Pravahika.
 - (B) Write Samprapti, Sadhyasadyata and Chikitsa of Gulma.
3. Answer any four questions. 20
 - (A) Write short notes- Myasthenia gravis.
 - (B) Describe Role of Virechana in treatment of Pakshaghata.
 - (C) सततं यः पिबेद्वारि न तृप्तिमधिगच्छति ।
पुनः काङ्क्षति तोयच्च तं तृष्णादितमादिशेत् ॥ Explain the stanza and write its Chikitsa.
 - (D) Write Ayurvedic treatment of Parkinsonism.
 - (E) Write Chikitsa of Shotha.
4. Answer any five questions.(two to three sentences) 10
 - (A) Write Chikitsa of Viswachi.
 - (B) Write Chikitsa of Raktagata Vata.
 - (C) Write types of Motor neuron diseases.
 - (D) Write Updrava of Udavarta.
 - (E) Write Chikitsa of Shirogata Vata.
 - (F) Write Chikitsa Sutra of Rajyakshama.

SECTION – B

5. Write Samprapti and Chikitsa of Mutrakrichha. 10
6. Answer any one question. 10
 - (A) What is Rasayana? Write benefits of Rasayana and describe Kutipravesika Rasayana.
 - (B) Describe types of Mana and write Chikitsa of Unmada.
7. Answer any four questions. 20
 - (A) Write short notes- Galaganda.
 - (B) Write short notes- Purishaja Krimi.
 - (C) आस्यासुखं स्वप्नसुखं.....।
..... हेतु कफे कृच्च सर्वम ॥ Complete the stanza and describe it.
 - (D) Write Ayurvedic treatment of Osteoporosis.
 - (E) Write Daiva Vyapashraya Chikitsa.
8. Answer any five questions.(two to three sentences) 10
 - (A) Write Chikitsa Sutra of Shukravaha Srotodusti Vyadhi.
 - (B) Write full form of BPH.
 - (C) Write Vajikarana Yogya.
 - (D) What is Nephrotic syndrome?
 - (E) Write definition of Karshya.
 - (F) What is Satva Vajaya Chikitsa?

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Fourth Professional : July - 2021

PANCHAKARMA

Marks : 100

Instructions : All the questions are compulsory.

SECTION - A

- 1 Write etymology and definition of *Sneha* and *Snehana*. Explain types of *Sneha* in detail. 10
2. Answer any one question. 10
 - (A) Describe *Trividha Karma* in relation to *Shodhana* and their importance.
 - (B) Explain ten types of *Niragni Svedana* in brief.
3. Answer any four questions. 20
 - (A) Explain *Shiropichu* and *Shiro basti*.
 - (B) Write complications of *Svedana* and their management as per *Ayurved* and Modern medicines.
 - (C) Explain stanza:
उच्चैर्भाष्यं रथक्षोभ मति चङ्क्रमण आसने । अजीर्ण अहित भोज्ये च..... ॥
 - (D) Explain importance of *Koshtha* and *Agni* in relation to *Vamana* and *Virechana*.
 - (E) Explain symptoms indicating *Doshagati* during *Vamana* and Symptoms of *Madhya* and *Pravar Shuddhi* of *Vamana*.
4. Answer any five questions.(two to three sentences) 10
 - (A) What is *Avapeedak Sneha*?
 - (B) Which *Abhyantar Snehan* is indicated for *Krura Koshtha* person?
 - (C) In which type of *Swedana Upanaha* is included?
 - (D) Write indications of *Grivabasti* and *Urobasti*.
 - (E) What is *Udvardana*, *Utsadana* and *Udgharshana*?
 - (F) Write etymology and definition of *Vamana*

SECTION - B

5. Write etymology and definition of *Nasya Karma* and explain mode of action of *Nasya(Nasya Karmukata)* 10
6. Answer any one question. 10
 - (A) Write indications and contraindications of *Niruha Basti* and dose fixation of *Niruha Basti* according to age.
 - (B) Explain the method of application of *Prachchhanna*, *Shringa* and *Alaabu*.
7. Answer any four questions. 20
 - (A) Write contents and method of preparation of *Niruha Basti Dravya*.
 - (B) Explain *Dhoomapana* and *Dhooma Nasya*
 - (C) Explain Stanza: "समीक्ष्य दोष औषध देश काल सात्त्यग्नि सत्वौक वयोबलानि ।
बस्ति : प्रयुक्तो नियतं गुणाय स्यात् सर्व कर्माणि च सिद्धिमति ॥
 - (D) Explain *Marsha* and *Avapeedaka Nasya* in detail.
 - (E) Explain wax bath therapy and short wave diathermy in brief.
8. Answer any five questions.(two to three sentences) 10
 - (A) Write dose and indications of *Dhmāpana/Pradhamana Nasya*.
 - (B) What line of treatment is indicated for *Savisha Jalauka Dansha*?
 - (C) How many *Siras* are there in *Shakha*?
 - (D) What is the *Angula Pramana* of *Kutharika Shashtra*.
 - (E) Write the indications of *Rakta Basti*.
 - (F) Write symptoms of *Atiyoga* of *Niruha Basti*.

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

Fourth Professional : July - 2021

SHALYA TANTRA - PAPER - I

Marks : 100

Instructions : All the questions are compulsory.

SECTION - A

1. What is Rakta Mokshana ? Describe its types, indication-contraindications and procedure in detail. 10
2. Answer any one question. 10
 - (A) What is Kshara Karma? What is its importance in present day Shalya Tantra practice? Describe Kshara Karma procedure in detail.
 - (B) What is "Parenteral Nutrition" and enlist types of I/V fluids. Describe composition and use of Ringer's lactate solution.
3. Answer any four questions. 20
 - (A) Describe materials for Agnikarma according to tissue and their Samyak Dagdha Lakshana.
 - (B) Define sterilization / Nirjantu Karna. Describe its types in short.
 - (C) Explain the shloka with reference. समाहितानि यन्त्राणी खरश्लक्ष्ण मुखानि च ।
सुद्धानि सुरुणि सुग्रहाणि च कारयेत् ॥
 - (D) Define "Yogya Vidhi". Describe Yogya Vidhi for various procedure.
 - (E) What is importance and diagnostic use of MRI in surgery?
4. Answer any five questions.(two to three sentences) 10
 - (A) Enlist names of Shastras for Lekhana and Chhedana.
 - (B) Write about method of diagnosis and removal of Pranashta Shalya in Kantha.
 - (C) Write about on Infiltration anaesthesia.
 - (D) What are the methods for uplifting Shalya Tantra?
 - (E) Write about Indrabasti Marmaghata in modern day traumatology.
 - (F) Write about Bandhana Dravyas from Ayurveda and modern point of view.

SECTION - B

5. Define Sadya Vrana / Wound. Describe its types, clinical features and treatment according to Ayurveda. 10
6. Answer any one question. 10
 - (A) What is Granthi / Cyst. Describe its types, clinical features and treatment according to Ayurveda.
 - (B) Describe Nadi Varna / Sinus or Fistulae in detail.
7. Answer any four questions. 20
 - (A) Write a short note on Prameha pidika / Carbuncle.
 - (B) Write a short note on Arterial aneurysm.
 - (C) Explain the shloka with reference.
मेदः समुत्थे तिलकल्कदिग्धं द्त्वोपरिष्टाद्विगुणं पटान्तम् ।
हुताशतमेन मुहुः प्रमृज्याल्लोहेन धीमानदह्न हिताय ॥
 - (D) Describe in detail importance of Shatkriyakala in surgical treatment of patient.
 - (E) Give Nirukti, Nidana, Prakara and Lakshana and Chikitsa of Apachi.
8. Answer any five questions.(two to three sentences) 10
 - (A) Write about Ganglion.
 - (B) Write about Dagdha Vrana / Burns types.
 - (C) Write about "Vrana Vedana" according to Ayurveda.
 - (D) Write about Kadar / corn.
 - (E) Write treatment of Kaksha / Herpes zoster.
 - (F) Write treatment of Burger's disease.

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Fourth Professional : July - 2021

SHALYA TANTRA - PAPER - II

Marks : 100

Instructions : All the questions are compulsory.

SECTION - A

- 1 Define StanaVidradhi-Breast Abscess. Describe its clinical features and treatment according to Ayurveda and modern point of view. 10
2. Answer any one question. 10
 - (A) What is Sandhimoksha-Dislocation? Describe its Prakara (with diagram), Lakshana and Chikitsa according to Ayurveda.
 - (B) Describe causes, clinical features and treatment of intestinal perforation.
3. Answer any four questions. 20
 - (A) Write a short note on Cranio – cerebral injuries and describe decompression surgery.
 - (B) Write a short note on Parikartika.
 - (C) Explain the Shloka with reference. सन्नस्य तु भग्नस्य व्रणं सर्पिर्मधूतैः ।
प्रतिसार्य कषायैस्तु शेषं भग्नवदाचरेत् ॥
 - (D) Write a short note on Acute Appendicitis.
 - (E) Write a short note on Shoola-Vyadhi, according to Ayurveda.
4. Answer any five questions.(two to three sentences) 10
 - (A) Write about types of incision in various Bhagandara according to Acharya Shushrut.
 - (B) Tapping in pleural effusion – enlist material and describe method in short.
 - (C) Define Marrant- Bakers Cyst or Popliteal Cyst.
 - (D) Write about Agnikarma treatment in Arsha.
 - (E) Write about Sannirudha Guda.
 - (F) Write about Rectal Polyp.

SECTION – B

5. Describe in detail- Vridhhi roga from Ayurveda and modern point of view. 10
6. Answer any one question. 10
 - (A) Write Nidana, Lakshana and Chikitsa of Ashmari Roga from Ayurveda and modern point of view.
 - (B) Write Nidana, Prakara, Lakshana and Chikitsa of Rudhpatha Kamla – Obstructive Jaundice.
7. Answer any four questions. 20
 - (A) Write a short note on Pleeha- Abhighata.
 - (B) Write a short note on Congenital anomalies of kidneys.
 - (C) Explain the Shloka with reference. वातेन पित्तेन कफेन सर्वेस्तथाऽभिघातैः शकृद्शमरीभ्याम् ।
तथाऽपरः शर्करया सुकष्टो मुत्रोपधातः कथितोऽष्टमस्तु ॥
 - (D) Write a short note on Urethral Stricture.
 - (E) Write a short note on Portal hypertension.
8. Answer any five questions.(two to three sentences) 10
 - (A) Write a short note on Avpatika
 - (B) Write a short note on Torsion of testes.
 - (C) Enlist types of Surgery for Hydrocele.
 - (D) Define Hydatid Cyst of Liver.
 - (E) Write about procedure of catheterization.
 - (F) Write about use of Dormia basket for removal of Ureteric stone.

GUJARAT AYURVED UNIVERSITY, JAMNAGAR

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

Fourth Professional : July - 2021

SHALAKYA TANTRA - PAPER - I

Marks : 100

Instructions : All the questions are compulsory.

SECTION - A

1. Describe the importance of Chakshu Indriya and explain the Samanya Nidana of Netra Roga according to Acharya Sushruta. 10
2. Answer any one question. 10
 - (A) Describe Putapaka in detail along with Paribhasha, Yogya, Ayogya, Prakara, Kala and Vidhi.
 - (B) Explain the method of 'Vision Test' in detail.
3. Answer any four questions. 20
 - (A) Write short note: Shastrakarma in Pakshmakopa.
 - (B) Describe acute dacryocystitis.
 - (C) Explain the stanza in detail. पलं भुवोऽग्मितो रक्तं वातात् कृष्णं सितं जलात् ।
आकाशादश्रुमार्गाश्च जायन्ते नेत्रबुद्धे ॥
 - (D) Write difference between Anjananamika and Utsangini.
 - (E) Describe Krimigranthi according to Acharya Sushruta.
4. Answer any five questions. (Two to three sentences) 10
 - (A) Write names of any four ancient Shalakyia Tantra Acharayas.
 - (B) What is macula in eye?
 - (C) Write the Lakshana of Klinna Vartma according to Acharya Sushruta.
 - (D) Define Trachoma and write the name of organism responsible for it.
 - (E) Write the names of Asadhya Roga of Netra Vartma according to Acharya Sushruta.
 - (F) Write the responsible Dosha and treatment of Lagana according to Acharya Sushruta.

SECTION - B

5. Describe the symptoms of different Patalagata Dosha in Timir in detail according to Acharya Sushruta and explain the difference between Timir, Kacha and Lingana. 10
6. Answer any one question. 10
 - (A) Write the names of Krishnagata Roga according to Acharya Sushruta and describe Savrana Shukla and Avrana Shukla in detail along with treatment.
 - (B) Describe Tonometry examination in detail along with necessary diagram.
7. Answer any four questions. 20
 - (A) Write Short note: Dry eye syndrome
 - (B) Describe Arjuna according to Acharya Sushruta.
 - (C) Explain the stanza in detail. उत्पाद्यत इवात्यर्थं नेत्रं निर्मथ्यते तथा ।
शिरसोऽध च तं विद्यादधिमन्थं स्वलक्षणैः ॥
 - (D) Write the difference between Pterygium and Pseudo pterygium.
 - (E) Describe myopia along with causes, symptoms and treatment.
8. Answer any five questions. (Two to three sentences) 10
 - (A) What is Amblyopia?
 - (B) Write the Lakshana of Gambhirika according to Acharya Sushruta.
 - (C) Define Eale's disease.
 - (D) Write Dosha and Sadhyasadyata of Hrasvajadya according to Acharya Sushruta.
 - (E) What is IOL?
 - (F) Write the place of Daivakruta Chhidra according to Acharya Sushruta.

GUJARAT AYURVED UNIVERSITY, JAMNAGAR
AYURVEDACHARYA-(B. A. M. S.) EXAMINATION
Fourth Professional : July - 2021
SHALAKYA TANTRA - PAPER - II

Marks : 100

Instructions : All the questions are compulsory.

SECTION - A

1. Write the Samanya Nidana of Shiroroga and describe Ardhavabhedaka in detail. 10
2. Answer any one question. 10
 - (A) Explain the anatomy of ear along with necessary diagrams according to modern science.
 - (B) Write the Purvaroop of Pratishtyaya and describe Aama and Pakva Pratishtyaya along with Lakshana and treatment principles.
3. Answer any four questions. 20
 - (A) Write short note: Tuning Fork Test
 - (B) Describe the treatment of Nasagata Raktapitta.
 - (C) Explain the stanza in detail. प्राणाः प्राणभृतां यत्र श्रिताः सर्वेन्द्रियाणि च ।
यदुत्तमाङ्गमाङ्गानां शिरस्तदभिधीयते ॥
 - (D) Describe the difference between ASOM and CSOM.
 - (E) Describe the disease Khalitya in detail according to Acharya Sushruta.
4. Answer any five questions. (Two to three sentences) 10
 - (A) Write the Lakshana of Apinasa Roga according to Acharya Sushruta.
 - (B) Write the name of common site of epistaxis.
 - (C) Write the treatment of Kshavathu according to Acharya Sushruta.
 - (D) Write the names of para nasal sinuses.
 - (E) Write the preparation method of Deepika Taila.
 - (F) Write the site of Karnavedhana in normal ear according to Sushruta.

SECTION – B

5. Write the number and names of Danta mulagata Roga and describe Danta Nadi in detail according to Acharya Sushruta. 10
6. Answer any one question. 10
 - (A) Describe dental caries in detail along with aetiology, pathogenesis, symptoms and management.
 - (B) Describe Dantadhavana according to Acharya Sushruta.
7. Answer any four questions. 20
 - (A) Write short note: Indirect laryngoscopy
 - (B) Describe Kanthashaluka according to Acharya Sushruta.
 - (C) Explain the stanza in detail. शोफः स्थूलस्तोददाहप्रपाकी प्रागुक्ताभ्यां तुण्डिकेरी मता तु ।
 - (D) Describe Lashana and Chikitsa of disease Kaphaja Jihva Kantaka according to Acharya Sushruta.
 - (E) Describe Dantaveshta along with Lakshana according to Acharya Sushruta.
8. Answer any five questions. (Two to three sentences) 10
 - (A) Write the names of layers of a typical tooth according to modern dentistry.
 - (B) Write the Lakshana of Upajihvaika according to Acharya Sushruta.
 - (C) Write the name of any two instruments used of examination of teeth.
 - (D) What is tongue tie?
 - (E) Write the Dosha and Sadhyasadyata of Gilayu according to Acharya Sushruta.
 - (F) Write name of Asadhya Taluroga according to Acharya Sushruta.

GUJARAT AYURVED UNIVERSITY, JAMNAGAR
AYURVEDACHARYA-(B. A. M. S.) EXAMINATION
Fourth Professional : July - 2021
RESEARCH METHODOLOGY AND MEDICAL STATISTICS

Marks : 50

Instructions : All the questions are compulsory.

SECTION - A

1. What is *Research*? Explain the meaning of the terms *anveshana*, *gaveshana*, *paryeshana* and *shodha*. 5
2. Answer any three questions. 15
 - (A) Write the main principles of *Ethics in Research*.
 - (B) Explain the role of *Anumana as Research tool*.
 - (C) What are the factors affecting the *selection of a research topic* ?
 - (D) Write a note on *Scientific Writing*.
3. Answer any five questions. 10
 - (A) Define *Interventional Research*.
 - (B) What is *Pure Research*?
 - (C) What is *Null hypothesis*?
 - (D) What is *Pubmed* ?
 - (E) Write the full form of *EBM*.
 - (F) What is the importance of *Helsinki Declaration* in the field of research?

SECTION – B

4. Write a note on the *methods of data presentation*. 5
5. Answer any one question. 5
 - (A) Write a note on *measures of central tendency*.
 - (B) Write a note on *test of significance*.
6. Answer any five questions. 10
 - (A) What is *Standard Error*?
 - (B) What is a *Variable*?
 - (C) What is *Gaussian Distribution*?
 - (D) Name any two *Statistical Software*.
 - (E) Define the *Coefficient of Variation*.
 - (F) Define *Percentile*
