

GUJARAT AYURVED UNIVERSITY, JAMNAGAR

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

FOURTH PROFESSIONAL EXAMINATION : MARCH-2022

KAYACHIKITSA - PAPER – I

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

Marks : 100

Instructions : All the questions are compulsory.

SECTION - A

- 1 Describe the stage wise management in kriya kala with its importance and application in management of disease with an example. 10
2. Answer any one question. 10
 - (A) Describe principles of management of diseases produced by genetic and environmental factors with examples.
 - (B) Describe the santarpana upakrama in detail with its application in malnutrition disorders.
3. Answer any four questions. 20
 - (A) Write a note on management principles of allergic conditions
 - (B) Write a note on Upashaya-Anupashaya.
 - (C) Complete the following verse and describe the principles in it.
मानसोभिः॥५८॥ [Cha.Sa.Su.1/58]
 - (D) Write indications and contraindications of rukshana upakrama.
 - (E) Write a note on “concept of personalized medicine in Ayurveda”
4. Answer any five questions.(two to three sentences) 10
 - (A) Write objectives of kaya chikitsa
 - (B) Write principles of management of ashayapakarsha
 - (C) Write names of any four medicines to treatment of avarana of vata by kapha
 - (D) Write a short note on importance of anupana
 - (E) Write a short note on modes of daivavyapashraya chikitsa
 - (F) What is nidana parivarjana in manas roga

SECTION – B

5. Write the chikitsa sutra and management of Kushtha. Describe its types with specific management according to dosha dominance. 10
6. Answer any one question. 10
 - (A) Describe in details the management of Hridroga with its types, diagnostic tests and therapies.
 - (B) Write in details the diagnosis and management of Raktapitta and its types.
7. Answer any four questions. 20
 - (A) Write short note on management of rheumatoid arthritis
 - (B) Write short note on management of viral fever
 - (C) Complete the verse and describe the management principle in it.
कुर्याच्छ्रोणितरोगेषु क्रियाम् | च॥१८॥ [Cha.Sa.Su.24/18]
 - (D) Write short note on principles of physiotherapy and its utility in Ayurveda practice.
 - (E) Write short note on management of Filariasis as per National Health program.
8. Answer any five questions.(two to three sentences) 10
 - (A) Write clinical features of Masurika
 - (B) Write types of Vatarakta and two medicines used in its management
 - (C) Write signs of acute respiratory distress syndrome
 - (D) Write Emergency management of convulsions
 - (E) Write names of four medicines used in management of Shwitra
 - (F) Write utility of kapalabhati for health

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FOURTH PROFESSIONAL EXAMINATION : MARCH-2022

KAYACHIKITSA - PAPER – II

Date : 23/03/2022

Wednesday

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

Marks : 100

Instructions : All the questions are compulsory.

SECTION - A

- 1 Write Samprapti, Chikitsa and Upadrava of Udavarta. 10
2. Answer any one question. 10
 - (A) Write Chikitsa Sutra of Annavaha Srotodusti Vyadhi and describe Chikitsa of Amlapitta.
 - (B) Write Samprapti and Chikitsa of Urustambha.
3. Answer any four questions. 20
 - (A) Write short notes- Acid peptic disorders.
 - (B) Write short notes- Muscular dystrophy.
 - (C) स दुष्टेऽन्नं न तत्पचति लघ्वपि ।
अपच्यमानं शुक्तत्वं यात्यन्नं विषरुपता ॥ Explain the stanza and write its Chikitsa.
 - (D) Write Samprapti and Chikitsa of Urahakshat.
 - (E) Write Ayurvedic treatment of Bronchiectasis.
4. Answer any five questions.(two to three sentences) 10
 - (A) What is Bhasmaka?
 - (B) Write emergency treatment of Swasa.
 - (C) What is Neuralgia?
 - (D) Write treatment of Gudagatavata.
 - (E) Write place (Sthan) of Agnikarma in Gridhrasi.
 - (F) Write Chikitsa of Rasagatavata.

SECTION - B

5. Write Chikitsa Sutra of Annavaha Srotodusti Vyadhi and describe Chikitsa of Amlapitta. 10
6. Answer any one question. 10
 - (A) Write Chikitsa Sutra of Mutravaha Srotodusti Vyadhi and describe Chikitsa of Ashamari.
 - (B) Write Chikitsa and Samprapti of Krimi.
7. Answer any four questions. 20
 - (A) Write short notes- Ulcerative colitis.
 - (B) Describe Atatvabhinivesha.
 - (C) काश्यमेव वरं स्थौल्यात न हि स्थूलस्य भेषजम् ।
बृहणं लङ्घनं वाऽलमति मेदोग्निवातजित ॥ Explain the stanza in detail.
 - (D) Describe Rasayana Sevana Kala and Pathyapathya after Rasayana Sevana.
 - (E) Describe Definition, types and benefits of Vajikarana.
8. Answer any five questions.(two to three sentences) 10
 - (A) Write full form of IBS.
 - (B) Describe different between hypoglycaemia and hyperglycaemias.
 - (C) Write name of Medhya Rasayana.
 - (D) What is Osteopenia?
 - (E) Write types of Kilaibya.
 - (F) What is Pragnaparadha?

(मिसेन)

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Date : 23/03/2022

Wednesday

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

Marks : 100

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अपच्यमानं शुक्तत्वं यात्यन्नं विषरुपता ॥ Explain the stanza and write its Chikitsa.
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 - (B) Write emergency treatment of Swasa.
 - (C) What is Neuralgia?
 - (D) Write treatment of Gudagatavata.
 - (E) Write place (Sthan) of Agnikarma in Gridhrasi.
 - (F) Write Chikitsa of Rasagatavata.

SECTION - B

- X 5. Write Chikitsa Sutra of Annavaha Srotodusti Vyadhi and describe Chikitsa of Amlapitta. 10
6. Answer any one question. 10
 - (A) Write Chikitsa Sutra of Mutravaha Srotodusti Vyadhi and describe Chikitsa of Ashamari.
 - (B) Write Chikitsa and Samprapti of Krimi.
7. Answer any four questions. 20
 - (A) Write short notes- Ulcerative colitis.
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 - (C) काश्यमेव वरं स्थौल्यात न हि स्थूलस्य भेषजम् ।
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 - (E) Write types of Klaihya.
 - (F) What is Pragnaparadha?

(मिसेन)

5. - write chikitsa of Santarpanjanya Roga and describe chikitsa of Prameha in detail.

Q-5 is replaced by

- Meghantya
23/3/22

- ho yas
23/3/22

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FOURTH PROFESSIONAL EXAMINATION : MARCH-2022

PANCHAKARMA

Date : 24/03/2022
Thursday

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

Instructions : All the questions are compulsory.

SECTION - A

1. Write the definition of all the five Karma (Vamana, Virechana, Niruha, Anuvasana, Nasya) and explain the importance of Poorvakarma in Panchakarma. 10
2. Answer any one question. 10
 - (A) Describe classifications of Svedana and Explain importance and utility of Niragni Svedana .
 - (B) Describe classification of Virechana and Virechana Purva Karma.
3. Answer any four questions. 20
 - (A) Explain general precautions (Pariharya Vishaya) for Panchakarma.
 - (B) Explain Pathya-Apathya during Snehana and Svedana Karma.
 - (C) वमितं लङ्घयेत् सम्यग्जीर्णलिङ्गान्यलक्षयन् ।
तानि दृष्ट्वा तु पेयादिक्रमं कुर्यान्न लङ्घनम् ॥ explain the verse.
 - (D) Explain mode of action of Vamana Karma According to Ayurveda and Modern.
 - (E) Explain type of Snehana according to Matra and write Samyak Yoga, Ayoga and Atiyoga of Snehana Karma.
4. Answer any five questions.(two to three sentences) 10
 - (A) Write five Sadyo Sneha Yoga.
 - (B) Write name of Niragni Svedana.
 - (C) Write status of Dosha in different type of Kostha.
 - (D) Write the Virechana Dravya according to their types.
 - (E) Write Snehopaga Dravya.
 - (F) What is Vardhamana Krama in Snehana.

SECTION - B

5. Write etymology, definition and importance of Basti as Ardha Chikitsa. 10
6. Answer any one question. 10
 - (A) Write classical and modern Instrument which are uses in Basti, Nasya and Raktamokshana.
 - (B) Explain complication of Niruha Basti and its management.
7. Answer any four questions. 20
 - (A) Describe Basti Netra and Basti Putaka.
 - (B) Write the site of Siravedha according to disease. (Any five disease)
 - (C) Explain Pratimarsha Nasya Kala (काल) along with their indication and benefits.
 - (D) Write Short note on Pichchha Basti.
 - (E) नाभिप्रदेशं कटिपार्श्वकुक्षिं गत्वा शकृददोषचयं विलोडय ।
संस्नेहय कायं सपुरीषदोषः सम्यक् सुखेनैति च यः स बस्तिः॥ explain the verse
8. Answer any five questions.(two to three sentences) 10
 - (A) Write definition of Siddha Basti.
 - (B) Write Asthanopaga Dravya.
 - (C) Write name of Nirvisha Jaluka.
 - (D) Write length of Dhoompana Yantra.
 - (E) Write ingredients of Vaitran Basti.
 - (F) Write four diseases which are indicated for daily Nasya Karma.

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FOURTH PROFESSIONAL EXAMINATION : MARCH-2022

RESEARCH METHODOLOGY AND MEDICAL STATISTICS

Date : 30/03/2022
Wednesday

Time : 03:00 p.m. to 04.30 p.m
Marks : 50

Instructions : All the questions are compulsory.

SECTION - A

- 1 Differentiate between the *Observational* and *Interventional Research*? 5
2. Answer any three questions. 15
- (A) What is the composition of *Institutional Ethics Committee*? What are its functions?
- (B) Write the significance of *literature review in Research*.
- (C) Write a note on *Importance of data mining in Research*.
- (D) Write a note on *Methods of communication of Research*.
3. Answer any five questions. 10
- (A) What is the meaning of the word *Anusandhana*.
- (B) What is *Plagiarism*?
- (C) Write any two examples of *Qualitative data*.
- (D) What is *DHARA* ?
- (E) Write the full form of *ICMR*.
- (F) What is *Hypothesis*?

SECTION – B

4. What is *Standard Deviation*? What are its uses ? 5
5. Answer any one question. 5
- (A) Write a note on *Pie Diagram*.
- (B) Write a note on *Arithmetic Mean*.
6. Answer any five questions. 10
- (A) Define *Sample*
- (B) Define *Range*
- (C) What is *Data*?
- (D) Name any two *non-parametric tests*.
- (E) Name the types of *Variable*
- (F) Define *Mode*

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FOURTH PROFESSIONAL EXAMINATION : MARCH-2022

SHALAKYA TANTRA - PAPER – I

Date : 28/03/2022
Monday

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

Instructions : All the questions are compulsory.

SECTION - A

- 1 Describe anatomy of eye ball with figure as per modern view. 10
2. Answer any one question. 10
 - (A) Describe Pakshmakopa (पक्ष्मकोप) in detail along with its medical and surgical management as per Ayurveda.
 - (B) Describe Acute Dacryocystitis along with its medical and surgical management.
3. Answer any four questions. 20
 - (A) Write a short note on Netraroga Purvarupa.
 - (B) Describe Krimigranthi (कृमिग्रन्थि) and its treatment as per Ayurveda.
 - (C) Describe the disease External Hordeolum.
 - (D) Write types and Nirmaanvidhi of Putapaka (पुटपाक) Kriyakalpa.
 - (E) Write a short note on Tonometry.
4. Answer any five questions.(two to three sentences) 10
 - (A) Write down the name of drugs used during Retinoscopy.
 - (B) Write the Nirukti of Shalakyia Tantra.
 - (C) Write down the difference between Entropion and Ectropion.
 - (D) Write the Pratyatma Lakshan of Klinna Vartma.
 - (E) Write the Lakshana of Pakshmathata (पक्ष्मशात).
 - (F) Write down the difference between Parvani (पर्वणी) and Alaji (अलजी).

SECTION – B

5. Write the types of Adhimantha and describe Vataja Adhimantha in detail. 10
6. Answer any one question. 10
 - (A) Define Refractive Error and describe Hyper Metropia in detail.
 - (B) Describe Avrana Shukla (अव्रण शुक्ल) in detail as per Ayurveda.
7. Answer any four questions. 20
 - (A) Describe Strabismus and its types.
 - (B) Write a short note on Ajakajata (अजकाजात)
 - (C) Describe disease Shushkakshipaka (शुष्काक्षिपाक) according to Ayurveda.
 - (D) Describe symptoms of Pishtaka and Balasagrathita as per Ayurveda.
 - (E) Write a short note on Episcleritis.
8. Answer any five questions.(two to three sentences) 10
 - (A) Write differences between the Intra Capsular Cataract Extraction and Extra Capsular Cataract Extraction.
 - (B) Write down the number of Pilla (पिल्ल) Roga.
 - (C) Write symptoms of Parimlayi (परिम्लायी) Timira according to Acharya Sushruta.
 - (D) Write Sthana and Lakshana of Shuktika (शुक्तिका) according to Acharya Sushruta.
 - (E) Write the Dosha and Sadhya-Asadhyata of Amloshita (अम्लोषित).
 - (F) Write down the name of extra ocular muscles.

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SHALAKYA TANTRA - PAPER – II

Date : 29/03/2022
Tuesday

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

Instructions : All the questions are compulsory.

SECTION - A

- 1 Write number and name of Shiroroga according to Acharya Sushruta and describe 10
Suryavarta (सूर्यावर्त) Vyadhi in detail as per Ayurveda.
2. Answer any one question. 10
(A) Describe the anatomy of the Nose and Para - nasal Sinuses in detail according to modern science.
(B) Write the number of Karnaroga according to Acharya Sushruta and describe Karnastrava and Putikarna in detail as per Ayurveda.
3. Answer any four questions. 20
(A) Describe the Shiroroga Nidana
(B) Write a Short note on Tinnitus.
(C) Write a Short note on Anterior Rhinoscopy.
(D) Describe Nasarsha (नासार्ष) and its management according to Ayurveda.
(E) Describe Khalitya (खालित्य) and its management as per Ayurveda.
4. Answer any five questions.(two to three sentences) 10
(A) Write two names of the Eustachian tube Function tests.
(B) Write down the symptoms of Krimija Shirah Shoola.
(C) Write Dhaarana Kaala of Karnapurana.
(D) Write the Adhithana and Dosha of Deepta (दीप्त) Vyadhi.
(E) Write the name and site of Anterior Epistaxis.
(F) Write the name of Karnapali Roga according to Acharya Vagabhatta.

SECTION – B

5. Write number and name of Dantamoolgata Roga according to Acharya Sushruta and 10
describe the disease Dantaveshta in detail as per Ayurveda.
6. Answer any one question. 10
(A) Describe Mukharoga Nidana and Khandaushtha (खण्डौष्ठ) Vyadhi in detail as per Ayurveda.
(B) Describe Adenoiditis and its management in detail as per modern science.
7. Answer any four questions. 20
(A) Describe Dantaraksha Upaya (दन्तरक्षोपाय) mentioned in Ayurveda.
(B) Write a short note on Anatomy of tongue.
(C) Write down the difference between Vrinda (वृन्द) and Ekvrinda (एकवृन्द).
(D) Describe Dantaharsha (दन्तहर्ष) Vyadhi in detail as per Ayurveda.
(E) Write a short note on cleft palate.
8. Answer any five questions.(two to three sentences) 10
(A) Write down the symptoms of Putivaktrata (पूति वक्त्रता).
(B) Write name of two instruments used in examination of tooth.
(C) Write Adhithana and Sadhya - Asadhyata of disease Balaas according to Acharya Sushruta.
(D) Name any two Dantamulgata Vyadhi where Danta Chala (दन्त चाल) as a symptom is present
(E) Write number and name of Permanent teeth.
(F) Write the ingredient of Kaalak Churna.

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SHALYA TANTRA - PAPER – I

Date : 25/03/2022
Friday

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

Instructions : All the questions are compulsory.

SECTION - A

1. शल्यतंत्र definition, chronological development of शल्यतंत्र and contribution of आचार्य सुश्रुत in development of शल्यतंत्र 10
2. Answer any one question. 10
 - (A) Explain त्रिविधकर्म of सिरावेध in detail and give importance of रक्तमोक्षण
 - (B) Explain blood transfusion with compatability, indication , contraindication, complication and management in detail
3. Answer any four questions. 20
 - (A) Indication and importance of ultrasonography (USG).
 - (B) Explain प्रनष्ट शल्य
 - (C) Explain role of anaesthetist during surgery as para surgical physician.
 - (D) Define sterilization and explain physical method of sterilization
 - (E) Explain शस्त्र अनुशस्त्रेभ्यः क्षारः प्रधानतमः ।
4. Answer any five questions.(two to three sentences) 10
 - (A) शल्यविद गुण (Quality of Surgeon) according to आचार्य सुश्रुत .
 - (B) योग्या विधि of लेखन and वेधन
 - (C) Disadvantages of x-ray technique
 - (D) What is Analgesics.
 - (E) Name any two use of नाडीयंत्र
 - (F) शस्त्र पायना

SECTION – B

5. Define व्रण and explain in detail about आगन्तुज व्रण 10
6. Answer any one question. 10
 - (A) Write short note on Peripheral Vascular Disease.
 - (B) Define shock with it's classification and explain about vasovagal shock in detail
7. Answer any four questions. 20
 - (A) Haemangioma symptoms, diagnosis and management
 - (B) Define "अर्बुद" and its line of management.
 - (C) Give importance of "षट क्रियाकाल"
 - (D) Explain about " व्रणशोफ अवस्था " and " सप्तोपक्रम"
 - (E) Difference between " चिप्प" and " कुनख", explain their management
8. Answer any five questions.(two to three sentences) 10
 - (A) अंतर विद्रधि स्थान *अंतर विद्रधि स्थान*
 - (B) Gas gangrene symptoms
 - (C) Cause and precaution of varicose veins
 - (D) दुष्टव्रण लक्षण according to आचार्य सुश्रुत
 - (E) Symptoms of ganglion
 - (F) "अपची" line of treatment

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FOURTH PROFESSIONAL EXAMINATION : MARCH-2022

SHALYA TANTRA - PAPER – II

Date : 26/03/2022
Saturday

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

Instructions : All the questions are compulsory.

SECTION - A

1. Clinical features, diagnosis, complications and management of Breast Abscess. 10
2. Answer any one question. 10
 - (A) Write congenital anomalies of oesophagus and explain about oesophageal varices.
 - (B) Write " भग्न " classification and explain about humerus shaft fracture cause, complication and management
3. Answer any four questions. 20
 - (A) Write ulcerative colitis cause, symptoms and management
 - (B) Write " गुल्म " प्रकार and explain about " रक्तज गुल्म "
 - (C) Write about anal stricture (सन्निरुद्ध गुद) cause, symptoms and treatment
 - (D) Definition of Acute Abdomen and nomenclature (नामकरण) of acute abdomen conditions.
 - (E) Write differential diagnosis of lumbar vertebral disc prolapse and explain about it's symptoms and treatment
4. Answer any five questions.(two to three sentences) 10
 - (A) Write " काण्डभग्न सामान्य लक्षण "
 - (B) What is conservative management of fissure in ano
 - (C) Write difference between " परिणाम शूल " and " अन्नद्रव शूल "
 - (D) Nomenclature examinations of " ascitis "
 - (E) Write " भगंदर " प्रकार according to acharya sushrut
 - (F) Write complications of large intestine obstruction

SECTION – B

5. Benign prostatic hyperplasia (BPH) etiopathology, cause, symptoms, diagnosis, complications and management 10
6. Answer any one question. 10
 - (A) Nomenclature of congenital anomalies of kidney and explain about polycystic kidney disease in detail
 - (B) Describe cause of Incisional Hernia and explain
"अप्राप्तफलकोशायाम वातवृद्धिक्रमो हितः"
7. Answer any four questions. 20
 - (A) Write phymosis symptoms and steps of circumcision
 - (B) Write hematocele etiology, symptoms, examination and management
 - (C) Explain about " यकृतदाल्युदर " symptoms and treatment
 - (D) Nomenclature " मूत्राघात भेद " and explain about " मुत्रातीत "
 - (E) Write cause and complication of pancreatitis with it's management.
8. Answer any five questions.(two to three sentences) 10
 - (A) Write symptoms of orchitis
 - (B) Nomenclature diagnostic techniques of renal calculus
 - (C) Examinations of inguinal hernia name only
 - (D) Write surgical indications of splenectomy
 - (E) Murphy's sign in acute cholecystitis.
 - (F) Write common line of treatment for " मूत्रकृच्छ "