

GUJARAT AYURVED UNIVERSITY, JAMNAGAR

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

FOURTH PROFESSIONAL EXAMINATION : MARCH-2022

KAYACHIKITSA - PAPER – I

Date : 12/09/2022  
Monday

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

Instructions : All the questions are compulsory.

SECTION - A

- 1 Describe in detail the Vata dosha chikitsa upakrama. Give a list of common ayurvedic medicines used in its treatment in current clinical practices. 10
2. Answer any one question. 10
  - (A) Describe principles of management of nutritional deficiency disorders with examples.
  - (B) Describe the indications and therapies used in Brimhana and Stambhana upakrama in details.
3. Answer any four questions. 20
  - (A) Write a note on management of sleep disorders
  - (B) What is 'Saamata-Niramata' ? Described the Chikitsasutra of Saama & Nirama Dosha.
  - (C) Complete and describe the importance of concept in verse in management of diseases. व्यायामाद..... | कोष्ठाच्छाखा मला यान्ति ..... च॥३१॥ [Cha.Sa.Su.28/31]
  - (D) Describe indications and signs of proper and improper swedana.
  - (E) Write a note on "Early and pre-clinical diagnosis through Ayurveda"
4. Answer any five questions.(two to three sentences) 10
  - (A) Write a short note on importance of Satmya in management
  - (B) Write a short note on principles of management of Oja kshaya
  - (C) Write names of any four medicines to pacify vardhakya janya vikara
  - (D) Write names of any four aushadha sevana kala
  - (E) Write names of ashta vidha pariksha
  - (F) Write names of four medicines used in management of ama condition

SECTION – B

5. Write the chikitsa sutra and detail management of Pandu, it's types with list of medicines used in its treatment. 10
6. Answer any one question. 10
  - (A) Describe in details the national health programme for control of tuberculosis and its ayurvedic management with list of medicines used in it.
  - (B) Explain : Chikitsa Sutra of Sannipataj Jwara and list of 10 medicines used in it.
7. Answer any four questions. 20
  - (A) Write a note on management of Visarpa
  - (B) Write a note on hypertension and its management through Ayurveda
  - (C) Complete and describe the verse.  
नवज्वरे दिवा..... ॥१३८॥.....विबर्जयेत् ॥ [Cha. Sa. Chi. 3/138-9]
  - (D) Write a note on management of hemolytic disorders through Ayurveda
  - (E) Write a note on Ashtanga yoga and its benefits for health.
8. Answer any five questions.(two to three sentences) 10
  - (A) Write clinical features of hypothyroidism
  - (B) Write names of drugs used in National AIDS control program
  - (C) Write signs of Hypoglycemia
  - (D) Write emergency management of status asthmaticus
  - (E) Write names of Kshudra roga
  - (F) Write four medicines used in treatment of Sheetapitta

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FOURTH PROFESSIONAL EXAMINATION : SEPTEMBER-2022

KAYACHIKITSA - PAPER – II

Date : 13/09/2022  
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 Rajayakshma with it types and prognosis. 10
2. Answer any one question. 10
- (A) Write the principles of management of Udararoga with clinical assessment and therapeutics.
- (B) Write the principles of management of pakshavadha and importance of panchakarma procedures in it.
3. Answer any four questions. 20
- (A) Write a note on management of Urakshata with medicines.
- (B) Write a note on management of ajirna with therapeutics.
- (C) Complete and describe the verse:  
कसिने ..... | .....युक्तं तमके तु ..... [[Cha.Sa.Chi.17/121]
- (D) Write diagnosis and management of Gridhrasi.
- (E) Write clinical features and management of Gulma.
4. Answer any five questions.(two to three sentences) 10
- (A) What is Khalli ?
- (B) What is motor neuron disease?
- (C) Write clinical features of kroshtukashirsha.
- (D) Write on management of amashayagata vata.
- (E) Write clinical features of parkinsonism.
- (F) Chikitsa sutra of koshtagata vata

**SECTION – B**

5. Describe in details the principles of management of Prameha, its types and utility of panchakarma in it. 10
6. Answer any one question. 10
- (A) Write in details about types and management of mutraghata.
- (B) Write in details about types and management of apasmara. What is the utility of daivavyavapshraya chikitsa in apasmara?
7. Answer any four questions. 20
- (A) Write a note on therapeutic implications of rasayana in age related disorders
- (B) Write about diagnosis and management of sandhigata vata
- (C) Write importance in the verse:  
पुत्रस्यायतनं ह्येतद्गुणाश्चैते सुताश्रयाः|..... अयं च क्षेत्रं स्त्री या प्रहर्षिणी||४|| [Cha.Sa.Chi.2/4]
- (D) Write a note on importance of takra in chikitsa with its indications and contraindications
- (E) Write a note on Shukra dosha, investigations for diagnosis and their management.
8. Answer any five questions.(two to three sentences) 10
- (A) Write names of Manasa vikara
- (B) Write a note on immunomodulators in Ayurveda
- (C) Write definition of Pragnaparadha
- (D) Write names of Purishaja krimi.
- (E) What is IBS? Write its clinical features.
- (F) Write a short note on sattvavajaya chikitsa.

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FOURTH PROFESSIONAL EXAMINATION : SEPTEMBER-2022

PANCHAKARMA

Date : 14/09/2022  
Wednesday

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

**Instructions : All the questions are compulsory.**

**SECTION - A**

- 1 Describe etymological derivation and definition of Vamana Karma along with Vamana Vidhi in detail. 10
2. Answer any one question. 10
  - (A) Explain Sankara/Pinda Sveda.
  - (B) Write classification of Snehana with the mode of action of Snehana Karma according to Ayurveda and Modern.
3. Answer any four questions. 20
  - (A) Write short note on Upanaha Sveda.
  - (B) Samsarjana Krama.
  - (C) Explain various type of Shuddhi in Vamana and Virechana Karma.
  - (D) Explain Sneha Vyapat and their management.
  - (E) दोषाः कदाचित् कुप्यन्ति जिता लङ्घनपाचनैः।  
जिताः संशोधनैर्ये तु न तेषां पुनरुदभवः॥ explain the verse
4. Answer any five questions.(two to three sentences) 10
  - (A) Write Astamahadoshakar Bhava in Panchakarma.
  - (B) Write Sneha Paka according to their use in different Panchakarma Procedure.
  - (C) Write causes of doshagati from Koshta to Shaka.
  - (D) Indication of Sneha Pravicharana.
  - (E) Write the Svedana type according to the Dosha.
  - (F) Write Svedopaga Dravya.

**SECTION - B**

5. Describe Basti Karmukata(Mode of action). 10
6. Answer any one question. 10
  - (A) Explain Nasya Vidhi along with Samyak, Ati and Ayoga Lakshana.
  - (B) Describe classification of Raktamokshan along with their indication and contraindication.
7. Answer any four questions. 20
  - (A) Write short note on Lekhan Basti.
  - (B) Explain Complication of Siravedha and their management.
  - (C) Write Classical and Modern instrument for Basti and Nasya Karma.
  - (D) Explain difference between Marsh and Pratimarsh Nasya along with Indication of Marsh and Pratimarsh Nasya.
  - (E) ऊर्ध्वजत्रुविकारेषु विशेषान्नस्यमिष्यते ।  
नासा हि शिरसो द्वारं तेन तदव्याप्य हन्ति तान् ॥ explain the verse
8. Answer any five questions.(two to three sentences) 10
  - (A) Write number of Niruha and Anuvasana Basti in Karma, Kala and Yoga Basti.
  - (B) Ingredient of Panchaprasutik Basti.
  - (C) Describe instrument of Pradhamana Nasya.
  - (D) Write dose of Anutail for Nasya karma.
  - (E) Write the minimum and maximum age of Nasya and Dhoompana.
  - (F) What is Wax bath therapy?

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FOURTH PROFESSIONAL EXAMINATION : SEPTEMBER-2022

RESEARCH METHODOLOGY AND MEDICAL STATISTICS

Date : 20/09/2022

Tuesday

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

Marks : 50

**Instructions :All the questions are compulsory.**

**SECTION - A**

1. Write a detail note on EBM (Evidence Based Medicine). 5
2. Answer any three questions. 15
  - (A) Institutional Ethical Committee (IEC)
  - (B) Describe the historical background of research in Ayurveda.
  - (C) Role of pramana in Ayurveda and Research.
  - (D) Steps of research.
3. Answer any five questions. 10
  - (A) Define Data Mining.
  - (B) Panchavayava vakya.
  - (C) Importance of IEC.
  - (D) What is GCP.
  - (E) AYUSH research portal.
  - (F) DHARA

**SECTION – B**

4. Describe any three statistical term with example and notation. 5
5. Answer any one question. 5
  - (A) Define data and its type.
  - (B) Explain mean with example and notation.
6. Answer any five questions. 10
  - (A) What is sample?
  - (B) Histogram
  - (C) Define S.E.
  - (D) Define normal distribution.
  - (E) What is ANOVA.
  - (F) Define probability.

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FOURTH PROFESSIONAL EXAMINATION : SEPTEMBER-2022

SHALAKYA TANTRA - PAPER – II

Date : 19/09/2022  
Monday

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

Instructions : All the questions are compulsory.

**SECTION - A**

- 1 Describe Pratishtyaya (प्रतिश्याय) Vyadhi in detail as per Ayurveda. 10
2. Answer any one question. 10
  - (A) Describe Ear anatomy in detail according to the modern science.
  - (B) Write the indication and contra indication of Shirovirechana Nasya and describe Nasyavidhi (नस्यविधि) in detail.
3. Answer any four questions. 20
  - (A) Write a short note on Murdhni Taila (मूर्ध्नि तैल)
  - (B) Name the Shirah Kapalagata (शिरः कपालगत) Vyadhi according to Acharya Vagabhatta and describe Darunaka (दारुणक) in detail as per Ayurveda.
  - (C) Describe Anterior Epistaxis along with vascular supply related to it.
  - (D) Describe Nasa Sandhan Vidhi (नासा संधान विधि) according to Ayurveda.
  - (E) द्वारं हि शिरसो नासा तेन तद् व्याप्य हन्ति तान्|| Explain the stanza in detail.
4. Answer any five questions.(two to three sentences) 10
  - (A) Write the difference between Kavala (कवल) and Gandusha (गण्डुष).
  - (B) Define the disease Otosclerosis.
  - (C) Write ingredients of Pathyadi Kwatha
  - (D) Write down the Pratyatma Lakshana of Pranada (प्रणाद).
  - (E) What is Pure-tone Audiometry?
  - (F) Write the treatment of Ardhavabhedaka (अर्धावभेदक) in brief.

**SECTION – B**

5. Describe the anatomy of tooth in detail along with number and name of primary and secondary teeth. 10
6. Answer any one question. 10
  - (A) Write Adhithana and Nidana of Mukharoga and describe disease Rohini (रोहिणी) in detail as per Ayurveda.
  - (B) Describe Gingivitis and its management in detail as per modern science.
7. Answer any four questions. 20
  - (A) Write a short note on Indirect Laryngoscopy.
  - (B) Describe the disease Sheetada in detail.
  - (C) Describe Cleft lip in detail.
  - (D) Write a short note on Adhijihva (अधिजिह्वा) and Upajihva (उपजिह्वा).
  - (E) Write a short note on Pittaja Sarvasar Mukhroga.
8. Answer any five questions.(two to three sentences) 10
  - (A) Write the Pratyatma Lakshana of Mamsaja Oshthaprakopa according to Acharya Sushruta.
  - (B) Write down symptoms of Urdhwaguda (उर्ध्व गुद) Vyadhi.
  - (C) Write number and name of Asadhya Talugata Roga according to Acharya Sushruta.
  - (D) Write name of the salivary glands and their ducts.
  - (E) What is Jalandhar Bandha (जालन्धर बंध)?
  - (F) Write two instruments used for examination of oral cavity.

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FOURTH PROFESSIONAL EXAMINATION : SEPTEMBER-2022

SHALAKYA TANTRA - PAPER – I

Date : 17/09/2022  
Saturday

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

**Instructions : All the questions are compulsory.**

**SECTION - A**

- 1 Describe Tarpana Kriyakalp in detail. 10
2. Answer any one question. 10
- (A) Describe Pooyalasa (पूयालस) in detail as per Ayurveda.
- (B) Write detailed description of Netraroga Samanya Hetu and Samprapti.
3. Answer any four questions. 20
- (A) Write a short note on Chakshushya (चक्षुष्य) Aahar and Vihara.
- (B) Write a short note on Shalaky Tantra Itihas
- (C) Write a short note on Krichhronmeelana (कृच्छ्रोन्मीलन) and its ayurvedic management.
- (D) Write down methods and concepts of sterilization according to modern science.
- (E) Write notes on the utility of Ashtavidha Shastrakarma in Netra Roga.
4. Answer any five questions.(two to three sentences) 10
- (A) Write the clinical features of Anjananamika (अञ्जननामिका) as per Acharya Sushruta.
- (B) Write down the difference between Direct and Indirect ophthalmoscopy.
- (C) Write Dosha involved in Utsangini (उत्संगिनी) and Lagana (लगण), according to Acharya Sushruta.
- (D) Write types of Sraava Roga and their respective Dosha according to Acharya Sushruta.
- (E) Write down the names of Vataja Asadhya Netraroga as per Acharya Sushruta.
- (F) Write down the types of Blepharitis.

**SECTION – B**

5. Describe Linganaasha in detail along with Shastrakarma of Kaphaja linganaasha. 10
6. Answer any one question. 10
- (A) Describe Savrana Shukla (सत्रण शुक्ल) in detail along with its Sadhya Asadhyata (साध्यासाध्यता) and management.
- (B) Describe Pterygium in detail along with its surgical management.
7. Answer any four questions. 20
- (A) Write short note on types of Corneal Opacity.
- (B) "प्रायेण सर्वे नयनामयास्तु भवन्त्यभिष्यन्दनिमित्तमूलाः ।  
तस्मादभिष्यन्दमुदीर्यमाणमुपाचरेदाशु हिताय धीमान् ॥" explain the stanza in detail.
- (C) Describe Dry Eye Syndrome along with its management as per modern view.
- (D) Describe Shleshma Vidagdha Drishti (श्लेष्म विदग्ध दृष्टि) and its Treatment.
- (E) Describe symptoms of Sirajala and Sirapidika.
8. Answer any five questions.(two to three sentences) 10
- (A) Write down Sthana and Pratyatma Lakshana of Arjuna.
- (B) Write down the number and name of Asadhya Drishtigata Roga according to Acharya Sushruta.
- (C) "बन्धुजीवप्रतीकाशं ताम्यति स्पर्शनाक्षमम् ।" Identify the disease according to this Stanza.
- (D) Write down types of Tonometry
- (E) Write down the full form of NPCB.
- (F) Write the ingredients of Saptamruta lauha.

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FOURTH PROFESSIONAL EXAMINATION : SEPTEMBER-2022

SHALYA TANTRA - PAPER – II

Date : 16/09/2022  
Friday

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

**Instructions : All the questions are compulsory.**

**SECTION - A**

1. "चतुर्विधो अर्शसां साधानोपायः। तथा भेषज क्षारो अग्नि शस्त्रम इति। " explain in detail 10
2. Answer any one question. 10
  - (A) Difference between spondylosis and spondylitis, and explain about tuberculosis of spine
  - (B) Definition of Acute Abdomen and nomenclature (नामकरण) of acute abdomen conditions.
3. Answer any four questions. 20
  - (A) Explain "भुक्ते जीर्यति यत् शूलम् तदेव परिणामजम् "
  - (B) Explain about method and importance of कपाट शयनं" in management of femur fracture
  - (C) Write about fibroadenoma
  - (D) Write about pyloric stenosis
  - (E) Difference between ulcerative colitis and crohns disease and write their management
4. Answer any five questions.(two to three sentences) 10
  - (A) Write cause of oesophageal varices
  - (B) Write complications of cranio- cerebral injury
  - (C) Write "गुल्म स्थान"
  - (D) Write examination names of ascitis
  - (E) Line of treatment for " स्तनविद्रधि"
  - (F) Name of काण्डभग्न प्रकार

**SECTION – B**

5. Explain “अश्मरी” प्रकार (types) in Ayurveda as well as in modern and it’s surgical treatment. 10
6. Answer any one question. 10
  - (A) Clinical features and management of Pancreatitis.
  - (B) Write about "मूत्रकृच्छ्र " निदान, संप्राप्ति, प्रकार, लक्षण and चिकित्सा
7. Answer any four questions. 20
  - (A) Name types of "वृद्धि रोग" and explain about hydrocele
  - (B) What is epispadiasis? Explain
  - (C) Cause of umbilical hernia and it's management
  - (D) Write about symptoms, examination and management of cholecystitis
  - (E) Write about "प्लीहोदर" लक्षण and चिकित्सा
8. Answer any five questions.(two to three sentences) 10
  - (A) Write common causes of retention of urine
  - (B) Write conservative treatment of "यकृत विद्रधि"
  - (C) Write indication of nephrotomy
  - (D) Write differential diagnosis of benign prostatic hyoerplasia (BPH)
  - (E) What is torsion of testis?
  - (F) Write clinical features of obstructive jaundice

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FOURTH PROFESSIONAL EXAMINATION : SEPTEMBER-2022

SHALYA TANTRA - PAPER – I

Date : 15/09/2022  
Thursday

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

**Instructions : All the questions are compulsory.**

**SECTION - A**

1. Definition of anaesthesia, its classification and explain spinal anaesthesia in detail. 10
2. Answer any one question. 10
  - (A) ".....रक्तम जीव इति स्थिती" complete the shlok and explain in detail.
  - (B) Give recent diagnostic technique method names, its importance and explain about M.R.I. in detail.
3. Answer any four questions. 20
  - (A) Definition of sterilization and explain autoclave method of sterilization.
  - (B) Importance of ( मर्म ) marma in surgical perspective
  - (C) क्षारसूत्र निर्माण विधि , indication and importance of क्षारसूत्र
  - (D) Method of "blood transfusion"
  - (E) Define " यन्त्र " and explain about " नाडीयंत्र"
4. Answer any five questions.(two to three sentences) 10
  - (A) शस्त्रधारा
  - (B) Indication of "चीन बंध " and "गोफणा बंध"
  - (C) Name of शल्यगति.
  - (D) Suture material classification only
  - (E) अग्निकर्म प्रकार according to आकृति भेद
  - (F) शल्यविद गुण ( quality of surgeon) acc. To Acharya Sushrut.

**SECTION – B**

5. Define "व्रण" and explain about "दग्धव्रण" in ayurveda as well as modern point of view. 10
6. Answer any one question. 10
  - (A) Explain about gangrene, its classification, symptoms and treatment in detail.
  - (B) Explain about "विद्रधि" in Ayurveda as well as modern point of view.
7. Answer any four questions. 20
  - (A) "संचये अपह्यता दोषा लभन्ते नोतरा गतिः | Explain the complete verse.
  - (B) Explain deep vein thrombosis in detail.
  - (C) Define shock and explain about anaphylactic shock.
  - (D) Explain "रक्षाकर्म"
  - (E) Explain precautions during surgery of hepatitis infected patients
8. Answer any five questions.(two to three sentences) 10
  - (A) Name any two examinations of varicose veins.
  - (B) आम व्रणशोफ लक्षण
  - (C) Symptoms of ganglion
  - (D) प्रमेहपिडका संख्या and name.
  - (E) सम्यक रूढ व्रण लक्षण
  - (F) व्रणशोफ सप्तोपक्रम name only

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