

POST-GRADUATE DEGREE EXAMINATION – SEPTEMBER 2021  
MD AYURVEDA PART – II (FINAL YEAR)

Time: 3 Hours

Max. Marks: 100

KAYACHIKITSA

PAPER – I

*Fundamentals of Kayachikitsa*

Q.P. Code: 4221

Answers should be specific to the Questions asked.  
Draw neat, labeled diagrams wherever necessary.  
All questions are compulsory.

	Marks
<b>LONG ESSAY QUESTIONS:</b>	<b>2 X 20 = 40</b>
1. Describe langhana chikitsa and mention its indications & contraindications. Explain the methods of langhana, assessment of langhana chikitsa in sthaulya and prameha.	(10+10)
2. Mention modern diagnostic methods which help in understanding the samprapti of Raktapitta, Ashmari, Shwasa and Parinamashula with suitable examples.	(5+5+5+5)
<b>SHORT ESSAY QUESTIONS:</b>	<b>6 X 10 = 60</b>
3. Explain Santarpana janya roga and its management.	(5+5)
4. Indications of Yuktivyapashraya chikitsa in detail.	(10)
5. Explain the pancha tikta guggulu ghrita and its use in shodhana and shaman treatment.	(5+5)
6. Explain MRI findings in Ankylosing Spondylitis in detail.	(10)
7. Nidana Panchaka and its application in Diagnosing a disease with suitable examples.	(5+5)
8. Medhya rasayana and its application in this modern era.	(5+5)

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**KAYACHIKITSA**

**PAPER – II**

***Samanya Roga Chikitsa/Ayurvedic Therapeutics***

**Q.P. Code: 4222**

Answers should be specific to the Questions asked.

Draw neat, labeled diagrams wherever necessary.

All questions are compulsory.

	<b>Marks</b>
<b>LONG ESSAY QUESTIONS:</b>	<b>2 X 20 = 40</b>
1. Explain Rajayakshma Nidana according to charaka in detail.	(5+5+5+5)
2. Differentiate Rheumatoid Arthritis and Rheumatic fever in clinical practice. Explain its ayurvedic point of view with treatment.	(10+10)
<b>SHORT ESSAY QUESTIONS:</b>	<b>6 X 10 = 60</b>
3. Mention nidana, lakshana & chikitsa of pranavaha sroto dushti. Discuss its application in kasa roga.	(2+2+3+3)
4. Explain kitiba kushta. Describe its chikitsa principles along with pathya apathya. With its modern correlation.	(4+3+3)
5. Explain importance of sneha praayoga in Ashmari.	(10)
6. Differentiate Shukravruta vata and Shukragata vata in detail.	(5+5)
7. Explain role of Virechana in Kamala. Describe hepatitis in detail.	(5+5)
8. Describe Talisadi choorna in detail with its prakarana, ingredients, indications and clinical applications.	(2+2+2+4)

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## KAYACHIKITSA

## PAPER – III

*Vishishta Roga Chikitsa / Modern Therapeutics*

Q.P. Code: 4223

Answers should be specific to the Questions asked.

Draw neat, labeled diagrams wherever necessary.

All the questions are compulsory.

	Marks
<b>LONG ESSAY QUESTIONS:</b>	<b>2 X 20 = 40</b>
1. Differentiate upper motor neuron and lower motor neuron lesions. Discuss it in ayurvedic aspects along with diagnosis and treatment principles.	(10+10)
2. Explain in detail about nidana, samprapti and treatment of Vishama jwara.	(5+5+10)
<b>SHORT ESSAY QUESTIONS:</b>	<b>6 X 10 = 60</b>
3. Explain Gridhrasi with its modern correlation. Explain in detail the modern investigations and ayurvedic classical diagnostic tools.	(4+3+3)
4. Explain role of swedana karma in GB syndrome. Describe the role of Ksheera dhooma in detail.	(5+5)
5. Explain role of rasa kalpa yogas in Vatavyadhis and Punaravarthaka jwara.	(5+5)
6. Explain importance of sudha vargeeeya dravyas in manasaroga. Explain any 2 yogas containing sudhavargeeya dravyas.	(5+2.5+2.5)
7. Explain gouty arthritis in detail and enumerate “Dashamoola sritam ksheram sadya shoala nivaranam”.	(6+4)
8. Explain hypothyroidism in the context of rasa pradoshaja vyadhi.	(10)

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**SHALYATANTRA**

**PAPER – I**

*Shalya Siddhanta- Fundamentals of Surgery*

**Q.P. Code: 4225**

Answers should be specific to the Questions asked.

Draw neat, labeled diagrams wherever necessary.

All questions are compulsory.

**Marks**

**LONG ESSAY QUESTIONS:**

**2 X 20 = 40**

1. Describe in detail about ashtavidha shastrakarma & their application in surgical practice. (10+10)
2. Explain the concept of marma in shalyatantra. Describe the sadhypranahara marmaghata lakshana & chikitsa. (10+10)

**SHORT ESSAY QUESTIONS:**

**6 X 10 = 60**

3. Describe nadi yantras & its uses. (5+5)
4. Define vidradhi. Enumerate bahya vidradhi & its chikitsa. (5+5)
5. Write about dehydration & over-hydration in surgical practice. (5+5)
6. Describe sushrutas contributions to shalyatantra. (10)
7. Explain sadhyavrana & its management. (5+5)
8. Describe imaging & diagnostic techniques of X – ray and ultrasonography. (5+5)

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SHALYATANTRA

PAPER – II

*Vishishta Shalya Vigyan (Shalyatantra Specialty)*

Q.P. Code: 4226

Answers should be specific to the Questions asked.  
Draw neat, labeled diagrams wherever necessary.  
All questions are compulsory.

	Marks
<b>LONG ESSAY QUESTIONS:</b>	<b>2 X 20 = 40</b>
1. Describe the significance of yoga vidhi & vishikanupravesha in detail.	(10+10)
2. Write about renal failure, causes, diagnosis & management.	(5+5+5+5)
<b>SHORT ESSAY QUESTIONS:</b>	<b>6 X 10 = 60</b>
3. Define undecided tests, ectopic tests and describe the difference between both.	(2+2+6)
4. Write the clinical features of vesical calculus & explain its treatment in detail.	(4+6)
5. Describe congenital anomalies of penis with treatment.	(5+5)
6. Describe Fournier's gangrene & its treatment.	(5+5)
7. Write about neoplastic disorders of bones & joints.	(5+5)
8. Explain dagdha vrana & its management.	(5+5)

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**SHALYATANTRA**

**PAPER – III**

*Adhunika Shalya Karma (Modern Surgery)*

**Q.P. Code: 4227**

Answers should be specific to the Questions asked.  
Draw neat, labeled diagrams wherever necessary.  
All the questions are compulsory.

	<b>Marks</b>
<b>LONG ESSAY QUESTIONS:</b>	<b>2 X 20 = 40</b>
1. Describe carcinoma of breast & its surgical management.	(10+10)
2. Explain acute & chronic pancreatitis & its treatment.	(10+10)
<b>SHORT ESSAY QUESTIONS:</b>	<b>6 X 10 = 60</b>
3. Explain general anesthesia & its complications.	(5+5)
4. Write in detail about umbilical hernia & its management.	(5+5)
5. Describe varicose veins & its surgical treatment.	(5+5)
6. Explain in detail about ksharasutra procedure for haemorrhoids.	(10)
7. Write in detail about appendectomy.	(10)
8. Describe thyroidectomy.	(10)

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**KAUMARBHRITYA**

**PAPER – I**

***Bija, Garbha Vigyaniya***

**Q.P. Code: 4229**

Answers should be specific to the Questions asked.

Draw neat, labeled diagrams wherever necessary.

All questions are compulsory.

**Marks**

**LONG ESSAY QUESTIONS:**

**2 X 20 = 40**

1. Explain in detail Ayurveda and modern concept Masanumasika vridhhi and vikasa of embryo and fetus. Add a note on Masanumasika pathya.
2. Explain in detail the concept of beeje, beeja bhaga and beeja bhaga avayava and diseases due to their defects with relevant scientific examples.

**SHORT ESSAY QUESTIONS:**

**6 X 10 = 60**

3. Discuss measures to obtain good progeny.
4. Neural tube defects and their management.
5. Discuss nabhi nadi along with formation, structure and anomalies of umbilical cord.
6. Explain in detail about garbhopaghatakara bhava with relevant scientific updates.
7. Explain in detail about Jataharini affecting in fetus and its clinical significance.
8. Prenatal diagnostic tests and their importance.

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**Max. Marks: 100**

**KAUMARBHRITYA**

**PAPER – II**

*Navajata Shishu Vigyan Evum Poshana*

**Q.P. Code: 4230**

Answers should be specific to the Questions asked.  
Draw neat, labeled diagrams wherever necessary.  
All questions are compulsory.

**Marks**

**LONG ESSAY QUESTIONS:**

**2 X 20 = 40**

1. Explain Ulbaka with relevant scientific explanation. Describe the procedure of Pranapratyagamana vidhi (newborn resuscitation) in a flaccid newborn with Shvasavarodha secondary to meconium aspiration.
2. Explain in detail about diagnosis and management of preterm newborn that develops abdominal distension on day 5 with blood tinged stomach aspirate.

**SHORT ESSAY QUESTIONS:**

**6 X 10 = 60**

3. Explain in detail about Samanya navajata shishu paricharya with relevant scientific explanation.
4. Write about common birth injuries and their management.
5. Discuss about Ayu pareeksha and its importance. Add a note on Gestational age assessment.
6. Discuss Navajata kamala and its management.
7. Describe the features, diagnosis and management of shula (infantile colic) and dehydration fever in neonates. (2.5+2.5+5)
8. Write about the procedure and importance of navajata shiropichu and Lumbar puncture.

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**Time: 3 Hours**

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**KAUMARBHRITYA**

**PAPER – III**

***Balaroga (Paediatric Disorders)***

**Q.P. Code: 4231**

Answers should be specific to the Questions asked.

Draw neat, labeled diagrams wherever necessary.

All questions are compulsory.

- |  | <b>Marks</b>       |
|--|--------------------|
| <b>LONG ESSAY QUESTIONS:</b>   | <b>2 X 20 = 40</b> |
| 1. Explain in detail about Krimi roga, various types, diagnosis, complications and management. | (5+5+5+5)          |
| 2. Write in detail about Cerebral palsy and its management.                                    |                    |
| <b>SHORT ESSAY QUESTIONS:</b>  | <b>6 X 10 = 60</b> |
| 3. Write about rajayakshma ace to kashyapa & its management as per both ayurveda & modern.     |                    |
| 4. Explain in detail common skin diseases in children and their management.                    |                    |
| 5. Write about nephrotic syndrome and acute glomerulo nephritis with their management.         |                    |
| 6. Explain in detail about Antrika Jwara (Typhoid and paratyphoid) and its management.         |                    |
| 7. Discuss concept of Bala graham, Samanya purva rupa, rupa and principles of management.      |                    |
| 8. Discuss childhood obesity and its management.   |                    |

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PANCHAKARMA

PAPER – I

*Purva Karma-Snehana and Svedana*

Q.P. Code: 4233

Answers should be specific to the Questions asked.

Draw neat, labeled diagrams wherever necessary.

All questions are compulsory.

Marks

LONG ESSAY QUESTIONS:

2 X 20 = 40

1. Discuss regarding shadvidopakrama in detail and explain relation of shodhana with shadvidopakrama (10+10)
2. Define swedana, discuss various classifications of sweda and explain sankara sweda in detail. (2+8+10)

SHORT ESSAY QUESTIONS:

6 X 10 = 60

3. Explain in detail about avapidaka snehana.
4. Describe samyakyoga, ayoga, atiyoga lakshanas of swedana and write about management of atiyoga lakshanas of swedana. (5+5)
5. Explain the difference between jentakasveda and kuti sveda. (10)
6. Explain regarding digestion and metabolism of fat. (5+5)
7. Discuss regarding sneha vyapat's and their management. (5+5)
8. Discuss regarding indications and contraindications of snehana. (5+5)

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**PANCHAKARMA**

**PAPER – II**

*Vamana and Virechana Karma*

**Q.P. Code: 4234**

Answers should be specific to the Questions asked.  
Draw neat, labeled diagrams wherever necessary.  
All questions are compulsory.

	<b>Marks</b>
<b>LONG ESSAY QUESTIONS:</b>	<b>2 X 20 = 40</b>
1. Describe in detail regarding vamana procedure.	
2. Write about different classifications of virechana karma and utility of each type in detail.	(10+10)
<b>SHORT ESSAY QUESTIONS:</b>	<b>6 X 10 = 60</b>
3. Write about Jeevadana vyapat and its management.	(5+5)
4. Explain trivrit sangraha vidhi and write about virechana yoga's of trivrit according to seasons.	(3+7)
5. Explain regarding tarparadi kramam and rasasamsarjara kramam.	(5+5)
6. Discuss regarding the role of virechana in the management of amavata and jalodara.	(5+5)
7. Discuss about management of electrolyte imbalance during virechana karma.	
8. Explain about pariharya vishaya's for vamana.	

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**PANCHAKARMA**

**PAPER – III**

***Basti Karma and Nasya Karma***

**Q.P. Code: 4235**

Answers should be specific to the Questions asked.  
Draw neat, labeled diagrams wherever necessary.  
All questions are compulsory.

	<b>Marks</b>
<b>LONG ESSAY QUESTIONS:</b>	<b>2 X 20 = 40</b>
1. Explain pharmacodynamics of basti and discuss with suitable examples.	(10+10)
2. Explain regarding indications and contraindications of nasya with reasons.	(10+10)
<b>SHORT ESSAY QUESTIONS:</b>	<b>6 X 10 = 60</b>
3. Discuss about na hi basti samam kinchit vatarakta chikitsitam.	
4. Write about basti netra and basti putaka vyapath's.	(5+5)
5. Discuss regarding samyak yoga, ayoga and atiyoga lakshana's of nasya.	(4+3+3)
6. Write uttarabasti vidhi in females. Write its dose and duration.	(5+5)
7. Discuss about the rationality behind the administration of nasya karma in the management of manasika vikara's.	
8. Explain regarding ingredients and indications of karpasastyadi taila.	(5+5)

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**SHALAKYATANTRA**

**PAPER – I**

*Shalakya – Netra Roga*

**Q.P. Code: 4245**

Answers should be specific to the Questions asked.  
Draw neat, labeled diagrams wherever necessary.  
All questions are compulsory.

	<b>Marks</b>
<b>LONG ESSAY QUESTIONS:</b>	<b>2 X 20 = 40</b>
1. Describe degenerative diseases of eye and discuss about their modern and ayurvedic management.	(20)
2. Critically analyse the importance of CHATURVIDHA chikitsa in Netra roga.	(20)
<b>SHORT ESSAY QUESTIONS:</b>	<b>6 X 10 = 60</b>
3. Write the differential diagnosis of Red Eye and discuss about the conservative management of Glaucoma.	(5+5)
4. Enumerate the causes for gradual loss of vision and discuss one case in detail.	(5+5)
5. Describe the Etiology, clinical features and management of Retinopathy prematurity.	(3+3+4)
6. Describe ocular motility disorders with their ayurvedic management.	(5+5)
7. Describe clinical features, complications and treatment of Savruna shukla.	(3+3+4)
8. Justify the importance of Abhishyanda and discuss its management.	(5+5)

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SHALAKYATANTRA

PAPER – II

*Shalaky-Shiro-Nasa-Karna-Kantha roga*

Q.P. Code: 4246

Answers should be specific to the Questions asked.

Draw neat, labeled diagrams wherever necessary.

All questions are compulsory.

LONG ESSAY QUESTIONS:

Marks

2 X 20 = 40

1. Critically analyze the Samanya Nidana and Chikitsa of Karnagata rogas. (10+10)
2. Discuss the importance of Chaturvidha Chikitsa in the management of E.N.T disease. (20)

SHORT ESSAY QUESTIONS:

6 X 10 = 60

3. Discuss in detail about Dysphasia and its Ayurvedic management. (10)
4. Describe the complications and management of chronic Sinusitis. (5+5)
5. Write a brief note on Peenasa and Apeenasa. (5+5)
6. Write the clinical features and management of Rhoini as per Shushruta. (5+5)
7. Explain the management of Khalitya and Phalitya. (5+5)
8. Describe the applied anatomy of Larynx and physiology of phonation. (5+5)

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Max. Marks: 100

SHALAKYA TANTRA

PAPER – III

*Shalakya –Mukha -Danta roga*

Q.P. Code: 4247

Answers should be specific to the Questions asked.

Draw neat, labeled diagrams wherever necessary.

All questions are compulsory.

	Marks
<b>LONG ESSAY QUESTIONS:</b>	<b>2 X 20 = 40</b>
1. Write the investigations and their significance for the diagnosis of orodental diseases.	(20)
2. Describe the Talugata rogas in detail.	(20)
<b>SHORT ESSAY QUESTIONS:</b>	<b>6 X 10 = 60</b>
3. Write a note on Upjiwaha and Adijiwaha.	(10)
4. Explain asaadya osta rogas.	(10)
5. Write the importance of Rakta Mokshana in mukhagata rogas.	(10)
6. Discuss the differential diagnosis and management of toothache.	(5+5)
7. Saliva its role in health and disease, discuss in brief and write role of vitamins in oral health.	(5+5)
8. Describe pathology, clinical features and management of danta nadi.	(3+3+4)

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