



(From Academic Year 2012-13 & onwards)

Syllabus for MD/MS (Ayurved) Preliminary Examination

**16.SHALYA TANTRA – SAMANYA
(General Surgery)**

PAPER-II

THEORY- 100 marks

PART-A

50 marks

- 01 Etymology and definition of Shalya Tantra.
- 02 Scope and importance of Shalya Tantra
- 03 Study of Sushruta Samhita Sutra Sthana.
- 04 Study of modern surgical clinical methodology.
- 05 Applied anatomy, physiology and surgical pathology of common surgical conditions including relevant Ayurvedic aspect.
- 06 Applicability of Shat Kriyakala in the pathogenesis of surgical diseases.
- 07 Applicability of Prakriti in understanding the causes and role of treatment in surgical diseases.
- 08 Applicability of basic principles of Ayurveda in Rogi Pariksha (Trividha, Shadvidha, Ashtavidha and Dashavidha Pariksha) and latest investigations.
- 09 Concept of Rakta according to Sushruta.
- 10 Introduction of clinical and diagnostic methods in Shalya Tantra - X-rays, U.S.G., Endoscopies (for diagnostic and treatment purposes), MRI, CAT scanning and other recent diagnostic tools.
- 11 Concept and applicability of Sadhya-Asadhya (Prognosis) - Arishtha lakshana.
- 12 Knowledge of life saving drugs.
- 13 Emergency conditions and its management
- 14 Diagnosis and management of Pranashtha Shalya.

PART-B

50 marks

- 01 Yantra and Shastra – Surgical Instruments - Ancient and recent advances.
- 02 Sterilization – methods and types.
- 03 Basic knowledge of Sangyahan – Anaesthesia - Types, methods, indications, contraindications, complications and its management.
- 04 Concept of Trividha Karma – Purva, Pradhana and Pashchat.
- 05 Ashtavidha Shastra Karmas.
- 06 Bandhana Karma – Ancient and recent advances.
- 07 Kshara Karma – Introduction, types, method of various preparations like Kshara, Kshara Varti, Kshara Pichu and applications.
- 08 Kshara Sutra – Method of preparation, standardization and applications
- 09 Agnikarma – Introduction, types and applications.
- 10 Raktamokshana – Introduction, types and applications.
- 11 Application of Panchakarma therapy in surgical practice.
- 12 Scope of Pathya-Apathya in the management of surgical diseases.

PRACTICAL

100 marks

Contents:

- 01 Hospital duties in OPD, IPD, OT and casualty
- 02 Case record – 25 cases
- 03 Surgical cases - observation/performing- 10 cases
- 04 Knowledge of instruments required in surgical practices.
- 05 Ayurvedic diagnostic and therapeutic procedures.
- 06 Fluid therapy and blood transfusion.
- 07 Contraception and sterilizations.
- 08 Pre-operative, operative and post operative procedures.

Distribution of marks (Practical) :

- | | | |
|----|-------------------------------|------------|
| 01 | Case Record | -20 Marks |
| 02 | Bedside clinical case taking- | |
| | a) Long Case | - 20 Marks |
| | b) Short Case | - 10 Marks |
| | c) Kriya kalpa procedure | -15 Marks |
| 03 | Medical procedures | -15 Marks |
| 04 | Viva voce | -20 Marks |

Format of Question Paper

PART -A

Q. No.	Nature of Questions	Division of Marks	Total Marks
1	L.A.Q.	15x2	30 Marks
2	S.A.Q. Attempt any 4 out of 5	5x4	20 Marks
		Total	50 Marks

PART-B

Q. No.	Nature of Questions	Division of Marks	Total Marks
1	L.A.Q.	15x2	30 Marks
2	S.A.Q. Attempt any 4 out of 5	5x4	20 Marks
		Total	50 Marks

REFERENCE BOOKS:

- | | | |
|----|---|--|
| 01 | Sushruta Samhita | - |
| 02 | Ashtanga Sangraha | - |
| 03 | Ashtanga Hridaya | - |
| 04 | Charaka Samhita | - |
| 05 | The Surgical instruments of the Hindus | - Girindranath Mukhopadhyaya |
| 06 | Shalya Tantra Samuchchaya | - Pandit Ramadesh Sharma |
| 07 | Shalya Vigyan (Part 1-2) | - Dr. Surendra Kumar Sharma |
| 08 | Shalya Samanvaya (Part 1-2) | - Vd. Anantaram Sharma |
| 09 | Shalya Pradeepika | - Dr. Mukund Swaroop Verma |
| 10 | Soushruti | - Dr. Ram Nath Dwivedi |
| 11 | Clinical Shalya Vigyan | - Dr. Akhilanand Sharma |
| 12 | Bhagna Chikitsa | - Dr. Prabhakar Janardhan
Deshpande |
| 13 | Kshara sutra management in anorectal ailments | - Dr. S.K. Sharma, Dr.
K.R.Sharma and Dr. Kulwant
Singh. |
| 14 | Anorectal diseases in Ayurveda | - Dr. Sizoria and Dr. Praveen
Kumar Chowdary. |
| 15 | Adhunika Shalya Chikitsa Siddanta | - Dr. Katil Narshingham Udupa |
| 16 | Agnikarma Technology Innovation | - Dr. P.D. Gupta |
| 17 | Shalya Tantra Ke Siddhant | - Dr. K.K.Takral |

18	Recent advances in the management of Arshas /Haemorrhoids	-	Dr. P. Hemantha Kumar
19	Arsha Evum Bhagander Mein sutra Avachara	-	Vd. Kanak Prasad Vyas
20	Recent advances in Kshara Sutra	-	Dr. M. Bhaskar Rao
21	Leech application in Ayurveda	-	Dr. M. Bhaskar Rao
22	Kshara Sutra	-	Dr. S.N.Pathak
23	Shalya Shalakyta Tantra	-	Vd. S.G. Joshi
24	Surgical ethics of Ayurveda	-	Dr. D.N. Pande
25	Text book of Surgery	-	Sabistan
26	Operative Surgery	-	Rob and smith
27	Bailey and Love's Short Practice of Surge	-	Norman.S. Williams, Charles.V. Mann and R.C.G. Russell
28	Fractures and Joint Injuries	-	Watson-Jones
29	Text books of Operative Surgery	-	Farquharsons'
30	Principles of Surgery	-	Schwartz
31	Emergency Surgery	-	Hamilton Bailey's
32	Surgical pathology	-	Willing Worth
33	Clinical methods in surgery	-	S. Das
34	Textbook of Operative Surgery	-	S. Das
35	Shalya Vigyan (Sachitra)	-	Anantram Sharma
36	Anushastra Karma	-	Dr. D.N. Pande
37	Concept of Vrana is Ayurveda	-	Dr. Lakshman Singh
38	Significance for Poorva Karma in Surgical Patient	-	Dr. Lakshman Singh
39	Sangyahan Prakash	-	Dr. D.N. Pande
40	A concise Text Book of Surgery	-	S. Das
41	A manual on Clinical Surgery	-	S. Das
42	A System of Surgical Diagnosis	-	T.N. Patel
43	A Practical Guide to Operative Surgery	-	S. Das
44	Drugs and Equipment for Anaesthesia	-	Arun kumar
45	Manual of Surgical Instruments	-	M.M. Kapur
46	Ward Procedures	-	Patel Mansukh. B
47	Recent trends in the management of Arshas / Haemorrhoids	-	Dr. P. Hemantha Kumar
48	Primary Anaesthesia	-	Maurice King
49	Synopsis of Anaesthesia	-	Lee
50	Clinical Anatomy/ Surgical Anatomy	-	John E.Skandalakis
51	Surgical Instruments of the Hindus	-	Girindharnath Mukopadyay
52	Outline of Orthopedics	-	John Crawford Adams and David Hamblen. L
53	Outline of Fracture	-	John Crawford Adams
54	Recent trends in the management of Bhagandara / Fistula-in-ano	-	Dr. P. Hemantha Kumar
55	Principles and Practice of Agnikarma	-	Dr. Anand Kumar and Dr. Kanchan Shekokar.
56	Manipal Manual of Surgery	-	Dr. Rajgopal Shenoy
