

M.S.-AYURVEDA PRELIMINARY**16.SHALYA TANTRA – SAMANYA**
(General Surgery)**PAPER-II****Theory- 100 marks****PART A****50 marks**

1. Etymology and definition of Shalya Tantra.
2. Scope and importance of Shalya Tantra.
3. Study of Sushruta Samhita Sutra Sthana.
4. Study of modern surgical clinical methodology.
5. Applied anatomy, physiology and surgical pathology of common surgical conditions including relevant Ayurvedic aspect.
6. Applicability of Shat Kriyakala in the pathogenesis of surgical diseases.
7. Applicability of Prakriti in understanding the causes and role of treatment in surgical diseases.
8. Applicability of basic principles of Ayurveda in Rogi Pariksha (Trividha, Shadvidha, Ashtavidha and Dashavidha Pariksha) and latest investigations.
9. Concept of Rakta according to Sushruta.
0. 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.
1. Concept and applicability of Sadhya-Asadhya (Prognosis) - Arishtha lakshana.
2. Knowledge of life saving drugs.
3. Emergency conditions and its management.
4. Diagnosis and management of Pranashtha Shalya.

PART B**50 marks**

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

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PRACTICAL**100 marks****Content:-**

1. Hospital duties in OPD, IPD, OT and casualty
2. Case record – 25 cases
3. Surgical cases - observation/performing- 10 cases
4. Knowledge of instruments required in surgical practices.
5. Ayurvedic diagnostic and therapeutic procedures.
6. Fluid therapy and blood transfusion.
7. Contraception and sterilizations.
8. Pre-operative, operative and post operative procedures.

Distribution of marks (practical):

- | | |
|---|----------|
| 1. Case records of 25 Patients in detail | 20 marks |
| 2. Bedside clinical case taking-
Long case | 20 marks |
| Short case | 10 marks |
| 3. Identification of instruments, X-ray etc | 15 marks |

4. Medical procedures 15 marks
5. Viva voce 20 marks

REFERENCE BOOKS:-

1. Sushruta Samhita
2. Ashtanga Sangraha
3. Ashtanga Hridaya
4. Charaka Samhita
5. The Surgical instruments of the Hindus - Girindranath Mukhopadhyaya
6. Shalya Tantra Samuchchaya - Pandit Ramadesh Sharma
7. Shalya Vigyan (Part 1-2) - Dr. Surendra Kumar Sharma
8. Shalya Samanvaya (Part 1-2) - Vd. Anantaram Sharma
9. Shalya Pradeepika - Dr. Mukund Swaroop Verma
0. Soushruti - Dr. Ram Nath Dwivedi
1. Clinical Shalya Vigyan - Dr. Akhilanand Sharma
2. Bhagna Chikitsa - Dr. Prabhakar Janardhan Deshpande
3. Kshara sutra management in anorectal ailments - Dr. S.K. Sharma, Dr. K.R.Sharma and Dr. Kulwant Singh.
4. Anorectal diseases in Ayurveda - Dr. Sizoria and Dr. Praveen Kumar Chowdary.
5. Adhunika Shalya Chikitsa Siddanta - Dr. Katil Narshingham Udupa
6. Agnikarma Technology Innovation - Dr. P.D. Gupta
7. Shalya Tantra Ke Siddhant - Dr. K.K.Takral
8. Recent advances in the management of Arshas /Haemorrhoids - Dr. P. Hemantha Kumar
1. Arsha Evum Bhagander Mein sutra Avacharan- Vd. Kanak Prasad Vyas
2. Recent advances in Kshara Sutra - Dr. M. Bhaskar Rao
3. Leech application in Ayurveda - Dr. M. Bhaskar Rao
4. Kshara Sutra - Dr. S.N.Pathak
5. Shalya Shalakyata Tantra - Vd. S.G. Joshi
6. Surgical ethics of Ayurveda - Dr. D.N. Pande
7. Text book of Surgery - Sabistan
8. Operative Surgery - Rob and smith

PG 1st Year Syallabus-50

1. Bailey and Love's Short Practice of Surgery - Norman.S. Williams, Charles.V. Mann and R.C.G. Russell
2. Fractures and Joint Injuries - Watson-Jones
3. Text books of Operative Surgery - Farquharsons'
4. Principles of Surgery - Schwartz
5. Emergency Surgery -Hamilton Bailey's
6. Surgical pathology - Willing Worth
1. Clinical methods in surgery - S. Das
2. Textbook of Operative Surgery - S. Das
3. Shalya Vigyan (Sachitra) - Anantram Sharma
4. Anushastra Karma - Dr. D.N. Pande
5. Concept of Vrana is Ayurveda - Dr. Lakshman Singh
6. Significance for Poorva Karma in Surgical Patient - Dr. Lakshman Singh
7. Sangyahan Prakash - Dr. D.N. Pande
8. A concise Text Book of Surgery - S. Das
9. A manual on Clinical Surgery - S. Das
0. A System of Surgical Diagnosis - T.N. Patel
1. A Practical Guide to Operative Surgery - S. Das
2. Drugs and Equipment for Anaesthesia - Arun kumar
3. Manual of Surgical Instruments - M.M. Kapur
4. Ward Procedures - Patel Mansukh. B
5. Recent trends in the management of Arshas / Haemorrhoids - Dr. P. Hemantha Kumar
1. Primary Anaesthesia - Maurice King
2. Synopsis of Anaesthesia - Lee
3. Clinical Anatomy/ Surgical Anatomy - John E.Skandalakis
4. Surgical Instruments of the Hindus - Girindharnath Mukopadyay
5. Outline of Orthopedics - John Crawford Adams and David Hamblen. L
6. Outline of Fracture - John Crawford Adams
7. Recent trends in the management of Bhagandara / Fistula-in-ano - Dr. P. Hemantha Kumar
8. Principles and Practice of Agnikarma - Dr. Anand Kumar and Dr. Kanchan Shekoker.
9. Manipal Manual of Surgery - Dr. Rajgopal Shenoy

PG 1st Year Syallabus-51

M.S.-AYURVEDA PRELIMINARY**17.SHALYA - KSHARA KARMA AVUM ANUSHAstra KARMA
(Para Surgical Procedure including Minimal invasive Surgery)****PAPER-II****Theory- 100 marks****PART A****50 marks**

1. Etymology and definition of Shalya Tantra.
2. Scope and Importance of Shalya Tantra.
3. Study of Sushrut Samhita Sutra Sthana 1- 46 chapters.
4. Study of modern surgical clinical methodology.
5. Applied anatomy, physiology and surgical pathology of common surgical conditions including relevant Ayurvedic aspect.
6. Applicability of Shat Kriyakala in the pathogenesis of surgical diseases.
7. Applicability of Prakriti in understanding the causes and role of treatment in surgical diseases.
8. Applicability of basic principles of Ayurveda in Rogi Pariksha (Trividha, Shadvidha, Ashtavidha and Dashavidha Pariksha) and latest investigations.
9. 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 Pranastha Shalya.

PART B**50 marks**

1. Yantra and Shastra – Surgical Instruments - Ancient and recent advances.
2. Sterilization – methods and types.
3. Basic knowledge of Sangyahn – Anaesthesia - Types, methods, indications, contraindications, complications and its management.
4. Concept of Trividha Karma – Purva, Pradhana and Pashchat.
5. Ashtavidha Shastra Karmas.
6. Bandhana Karma – Ancient and recent advances.
7. Kshara Karma – Introduction, types, method of various preparations like Kshara, Kshara Varti, Kshara Pichu and applications.
8. Kshara Sutra – Method of preparation, standardization and applications.
9. 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.

PG 1st Year Syallabus-52

PRACTICAL**100 marks****Content :-**

1. Hospital duties in OPD, IPD, OT and casualty
2. Case record – 25 cases
3. Parasurgical cases - observation/performing- 10 cases
4. Knowledge of instruments required in parasurgical practices.
5. Ayurvedic diagnostic and therapeutic procedures.
6. Fluid therapy and blood transfusion.
7. Pre-operative, operative and post operative procedures.

Distribution of marks (practical):

- | | |
|--|----------|
| 1. Case records of 25 Patients in detail | 20 marks |
| 2. Bedside clinical case taking- | |
| Long case | 20 marks |
| Short case | 10 marks |
| 3. Identification of instruments, X-ray etc. | 15 marks |

4. Medical procedures

15 marks

5. Viva voce

20 marks

REFERENCE BOOKS :-

- Sushruta Samhita
- Ashtanga Sangraha
- Ashtanga Hridaya
- Charaka Samhita
- The Surgical instruments of the Hindus - Girindranath Mukhopadhyaya
- Shalya Tantra Samuchchaya - Pandit Ramadesh Sharma
- Shalya Vigyan (Part 1-2) - Dr. Surendra Kumar Sharma
- Shalya Samanvaya (Part 1-2) - Vd. Anantaram Sharma
- Shalya Pradeepika - Dr. Mukund Swaroop Verma
- Soushruti - Dr. Ram Nath Dwivedi
- Clinical Shalya Vigyan - Dr. Akhilanand Sharma
- Bhagna Chikitsa - Dr. Prabhakar Janardhan Deshpande
- Kshara sutra management in anorectal ailments and Dr. Kulwant Singh. - Dr. S.K. Sharma, Dr. K.R.Sharma
- Anorectal diseases in Ayurveda - Dr. Sizoria and Dr. Praveen Kumar Chowdary.
- Adhunik Shalya Chikitsa Siddanta - Dr. Katil Narshingham Udupa
- Agnikarma Technology Innovation - Dr. P.D. Gupta
- Shalya Tantra Ke Siddhant - Dr. K.K.Takral
- Recent advances in the management of - Dr. P. Hemantha Kumar
- Arshas / Haemorrhoids
- Arsha Evum Bhagander Mein sutra Avacharan - Vd. Kanak Prasad Vyas
- Recent advances in Kshara Sutra - Dr. M. Bhaskar Rao
- Leech application in Ayurveda - Dr. M. Bhaskar Rao
- Kshara Sutra - Dr. S.N.Pathak
- Shalya Shalakyta Tantra - Vd. S.G. Joshi
- Surgical ethics of Ayurveda - Dr. D.N. Pande
- Text book of Surgery - Sabistan
- Operative Surgery - Rob and smith

PG 1st Year Syallabus-53

1. Bailey and Love's Short Practice of Surgery - Norman.S. Williams, Charles.V. Mann and R.C.G. Russell
2. Fractures and Joint Injuries - Watson-Jones
3. Text books of Operative Surgery - Farquharsons'
4. Principles of Surgery - Schwartz
5. Emergency Surgery -Hamilton Bailey's
6. Surgical pathology - Willing Worth
7. Clinical methods in surgery - S. Das
8. Textbook of Operative Surgery - S. Das
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1. Recent trends in the management of - Dr. P. Hemantha Kumar
2. Arshas / Haemorrhoids
3. Primary Anaesthesia - Maurice King
4. Synopsis of Anaesthesia - Lee
5. Clinical Anatomy/ Surgical Anatomy - John E.Skandalakis
6. Surgical Instruments of the Hindus - Girindharnath Mukopadyay
7. Outline of Orthopedics - John Crawford Adams and David
8. Hamblen. L
9. Outline of Fracture - John Crawford Adams
0. Recent trends in the management of - Dr. P. Hemantha Kumar
1. Bhagandara / Fistula-in-ano
2. Principles and Practice of Agnikarma - Dr. Anand Kumar and
3. Dr. Kanchan Shekokar.
