CENTRAL COUNCIL OF INDIAN MEDICINE

POST GRADUATE PRELIMINARY
13. M.S. (AYU) SHALYA TANTRA – GENERAL SURGERY

FUNDAMENTAL PRINCIPLES AND APPLIED ASPECTS OF SHALYA TANTRA

PAPER-II

THEORY- 100 MARKS
TEACHING HOURS – 100 HRS

PART A

1. Etymology, Definition, Scope and Importance of Shalya Tantra.
2. Study of Sushruta Samhita Sutra Sthana from 1st to 29th chapter.
4. Applied anatomy, physiology and surgical pathology of common surgical conditions including relevant Ayurvedic aspects.
6. Applied aspect of Prakriti in understanding the causes and role of treatment in surgical diseases.
7. Applied aspect of basic principles of Ayurveda in Rogi Pariksha (Trividha, Shadvidha, Ashtavidha and Dashavidha Pariksha).
8. Concept and applied aspect of Sadhya-Asadhya (Prognosis) - Arishtha lakshana.
13. Surgical Emergency conditions and its management:

PART B

17. Asepsis and Antisepsis. Sterilisation (Nirjivanukaran) - methods and types.
19. Sangyaharan / Anesthesiology - Types, methods, indications, contraindications, complications and its management.
22. Bandhana Karma – Recent advances.
24. Kshara Sutra – Method of preparation, standardization and applications.
27. Application of Panchakarma therapy in surgical practice.

**PRACTICAL**

**100 MARKS**

**Content:**
1. Hospital duties in OPD, IPD, OT and Casualty.
2. Case record – 50 cases.
3. Surgical cases – Observing/Assisting/Performing- 50 cases.
4. Knowledge of instruments required in surgical practices.
5. Ayurvedic and Modern diagnostic and therapeutic procedures.
6. Fluid therapy and blood transfusion.
7. Contraception and sterilizations.
8. Pre-operative, operative and post operative procedures.
9. Practical training of local Anaesthesia.
10. Interpretation of Imaging techniques.

**Distribution of marks (practical):**
1. Presentation of related Research work like Synopsis and Case record - 20 marks
2. Bedside clinical case taking-
   - Long case - 20 marks
   - Short case - 10 marks
3. Identification of instruments, X-ray etc - 10 marks
4. Demonstration of Surgical and Parasurgical Procedure - 10 marks
5. Viva voce - 30 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
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
15. Recent trends in the management of Arshas / Haemorrhoids - Dr. P. Hemantha Kumar
16. Anorectal diseases in Ayurveda - Dr. Sizoria and Dr. Praveen
17. Adhunika Shalya Chikitsa Siddanta - Kumar Chowdary.
18. Agnikarma Technology Innovation - Dr. Katil Narshingham Udupa
19. Shalya Tantra Ke Siddhant - Dr. P.D. Gupta
20. Arsha Evum Bhagander Mein sutra Avacharan - Dr. K.K.Takral
21. Recent advances in Kshara Sutra - Vd. Kanak Prasad Vyas
22. Leech application in Ayurveda - Dr. M. Bhaskar Rao
23. Kshara Sutra - Dr. M. Bhaskar Rao
24. Text book of Shalya Tantra (Ayurvedic Surgery) - Dr. S.N.Pathak
25. Shalya Shalakya Tantra - Vd. S.G. Joshi
26. Surgical ethics of Ayurveda - Dr. D.N. Pande
27. Anushastra Karma - Dr. D.N. Pande
28. Concept of Vrana is Ayurveda - Dr. Lakshman Singh
29. Significance for Poorva Karma in Surgical Patient - Dr. Lakshman Singh
30. Sangyaharan Prakash - Dr. D.N. Pande
31. Marma Science and Principles of Marma Therapy - Dr. Sunil Kumar Joshi
32. Recent trends in the management of Bhagandara / Fistula-in-ano - Dr. P. Hemantha Kumar
33. Principles and Practice of Agnikarma - Anantram Sharma
34. Shalya Vigyan (Sachitra) - Sabistan
35. Text book of Surgery - Rob and smith
37. Bailey and Love's Short Practice of Surgery - Farquharson’s
38. Text books of Operative Surgery - Schwartz
40. Emergency Surgery - Dr. Rajgopal Shenoy
41. Manipal Manual of Surgery - Sriram Bhat M
42. SRB’s Manual of Surgery - John Goligher
43. Surgery of the Anus, Rectum and Colon - Willing Worth
44. Surgical pathology - S. Das
45. Clinical methods in surgery - S. Das
46. Textbook of Operative Surgery - S. Das
47. A concise Text Book of Surgery - S. Das
48. A manual on Clinical Surgery - S. Das
49. A System of Surgical Diagnosis - T.N. Patel
50. Clinical Anatomy/ Surgical Anatomy - John E.Skandalakis
51. A Practical Guide to Operative Surgery - S. Das
52. Manual of Surgical Instruments - M.M. Kapur
53. Ward Procedures - Patel Mansukh. B
54. Drugs and Equipment for Anaesthesia - Arun kumar
55. Primary Anaesthesia - Maurice King
56. Synopsis of Anaesthesia - Lee
57. Outline of Orthopedics - John Crawford Adams and David Hamblen. L
58. Fractures and Joint Injuries - Watson-Jones
59. Outline of Fracture - John Crawford Adams

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