RAJASTHAN PUBLIC SERVICE COMMISSION AJMER

SYLLABUS FOR SCREENING TEST FOR THE POST OF ASSISTANT PROFESSOR (Super Speciality)
PLASTIC & RECONSTRUCTIVE SURGERY
(MEDICAL EDUCATION DEPARTMENT)

Unit -I - General Plastic Surgery
1. Historical Perspectives, Genetics, Psychological aspects, Legal aspects & Ethics.
4. Flaps & Skin grafts - Physiology, classification & applications.

Unit - II - Head & Neck Reconstruction
1. Skin & Soft tissue trauma.
4. Temporomandibular joint dysfunctions.
5. Acquired bony deformities of Cranium & Face.
8. Forehead Reconstruction.
10. Lower third face & lip reconstruction.
11. Midface reconstruction.
12. Facial Paralysis.
14. Mandible reconstruction.
15. Hypopharyngeal & Oesophageal reconstruction
18. Skin & Soft tissue tumours.
Unit -III - Congenital Anomalies
  1. Embryology & Classification of Craniofacial Clefts.
  2. Classification & pathology of Primary Facial Clefts.
  4. Craniofacial Syndromes & Treatment.
  5. Craniofacial Microsomia.
  7. Unilateral Cleft lip Repair.
  8. Bilateral Cleft Lip Repair.
  9. Cleft palate Repair.
 10. Velopharyngeal incompetence.
 11. Orthodontics in Cleft lip & Palate management.
 15. Reconstruction of Cranial Synostosis.

Unit - IV - Breast & Chest Wall
  2. Breast Augmentation techniques.
  3. Mastopexy.
  4. Oncoplastic techniques in Breast.
  5. Breast Reduction techniques.
  8. Immediate Post Mastectomy Reconstruction with free tissue transfer - Abdomen based.

Unit - V - Trunk, Perineum & Lower Extremity.
  1. Abdominal Wall defect reconstruction.
  2. Abdominoplasty.
  3. Liposuction techniques for Body Contouring.
  4. Reconstruction of Male Genital defects - Congenital & Acquired including Hypospadias.
  5. Reconstruction of Female Genital defects - Congenital & Acquired.
  7. Pressure Sores & their management.
  8. Vascular insufficiency of Lower Limb.
  9. Lymphoedema & its management.
 10. Skeletal & Soft tissue reconstruction of Lower limb
 11. Foot reconstruction.
 12. Diabetic Foot & its management.

Unit -VI - Hand & Upper Extremity.
  1. Anatomy & Biomechanics of upper limb.
  2. Examination of Upper Extremity.
  3. Anaesthesia in Upper Extremity.
5. Principles of Skeletal Fixation as applied to wrist & Hand
12. Tendon transfers in Upper limb.
13. Adult Brachial Plexus Injury & its management.
15. Reimplatation & Revascularisation of Upper extremity.

Unit - VII - Hand & Upper Extremity.
1. Acute management of burn / Electrical injury to the hand.
3. Delayed reconstruction in Electric Burn Injury of Hand.
7. Bone tumors of Hand & their management.
8. Lymphoedema of Upper limb.

Unit - VIII - Aesthetic Surgery.
1. Aesthetic surgery of forehead.
2. Aesthetic periorbital surgery.
3. Aesthetic Surgery of Face & Neck.
4. Facial resurfacing techniques.
5. Non surgical facial rejuvenation.
6. Fat grafting.
7. Rhinoplasty.
10. Thigh lift.
11. Total body lift after Bariatric Surgery.
12. Laser applications in Aesthetic Surgery.

** Pattern of Question Papers:
1. Objective Type Paper
2. Maximum Marks : 180
3. Number of Questions : 180
4. Duration of Paper : Three Hours
5. All Questions carry equal marks
6. There will be Negative Marking

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