

PLASTIC SURGERY

PAPER – I

Time : 3 hours
Max. Marks : 100

PLS/D/12/37/I

Attempt all questions in order.
Each question carries 10 marks.

1. Describe anatomy of hair follicle. Discuss various methods of repigmentation of vitiligo. 4+6
2. Describe etiopathogenesis of pressure ulcer. Enlist the intrinsic and extrinsic factors responsible for it. Classify pressure ulcer. 3+(2+2)+3
3. Discuss the histology, anatomy, clinical applications and results of Wolfe skin graft. 2+2+3+3
4. A 20 year man was hit by another person with a fist over left orbit. Patient has diplopia with periorbital swelling. Discuss clinical diagnosis, investigations and management of this case. 2+3+5
5. What is botulinum toxin? Discuss the indications and complications of use of botulinum toxin in aesthetic surgery. 2+4+4
6. Classify depth of burns. Calculate the fluid requirement for first 48 hours in a 45% total body surface area burn in a 75 kg patient. Discuss monitoring of this patient. 2+5+3
7. Draw and describe blood supply of rectus abdominis muscle. Discuss various techniques of breast reconstruction using rectus abdominis based flaps 3+7
8. Describe perforators in leg. Discuss clinical applications of propeller flaps. 5+5
9. What is testicular feminizing syndrome? Describe principles of management of a 10 year old child with testicular feminizing syndrome who has been brought up as a female child. 2+8
10. Classify hypospadias. What are the management principles and techniques of a patient of hypospadias with severe chordee? 3+7

PLASTIC SURGERY

PAPER – II

Time : 3 hours
Max. Marks : 100

PLS/D/12/37/II

Attempt all questions in order.
Each question carries 10 marks.

1. Discuss the management of a 2 year old child with obstetric brachial plexus injury. 10
2. What is Tessier's classification of clefts? Describe each type in brief. 4+6
3. Describe the management and complications of different types of fracture of mandibular condyle. 5+5
4. Discuss the anesthetic problems associated with post burn neck contracture. Describe the techniques of anesthetic and surgical management of a patient of post burn contracture neck. 4+6
5. Describe indications, techniques and clinical applications of fat grafting. 2+4+4
6. Describe management of different degree of congenital ptosis. 10
7. Classify male pattern baldness. Enlist different techniques of hair restoration surgeries. Give advantages and disadvantages of each. 2+3+5
8. What is orthopantomogram? What are its indications and advantages over conventional radiology? 2+8
9. What is velopharyngeal incompetence? Discuss its investigations and management. 2+8
10. Describe different classifications of flaps. What is a chimeric flap? 8+2

PLASTIC SURGERY

PAPER – III

Time : 3 hours
Max. Marks : 100

PLS/D/12/37/III

Attempt all questions in order.
Each question carries 10 marks.

1. What are the different theories and hypothesis of development of cleft lip and palate? 10
2. What are the various techniques of thumb reconstruction? Describe the pollicization of an index finger in a child with congenital absence of thumb. 4+6
3. Discuss the problems associated with xeroderma pigmentosum. Describe the management and outcome of such patient. 3+(4+3)
4. Discuss the requirements of a burn unit. Present a design of a bedded burns unit in a medical college. 4+6
5. What is vacuum assisted wound management system? Describe its principles and indications. 3+7
6. What are the skin substitutes? Describe the principles, indications, advantages and disadvantages of their use. 2+2+2+2+2
7. What is angiosome? Describe the clinical applications of angiosomes with examples. 3+7
8. What is Abbe Flap? Describe the technique and indications of Abbe flaps. 2+8
9. Discuss the role of single and multiple Z-plasties. Enlist the clinical indications and geometry of a 60° angle Z-plasty. 4+6
10. Present the anatomy of extensor apparatus of an index finger. Discuss the management of mallet finger. 5+5
