

PLASTIC SURGERY

PAPER – I

PLS/D/15/37/I

Time : 3 hours

Max. Marks : 100

Important instructions:

- Attempt all questions in order.
- Each question carries 10 marks.
- Read the question carefully and answer to the point neatly and legibly.
- Do not leave any blank pages between two answers.
- Indicate the question number correctly for the answer in the margin space.
- Answer all the parts of a single question together.
- Start the answer to a question on a fresh page or leave adequate space between two answers.
- Draw table/diagrams/flowcharts wherever appropriate.

Write short notes on:

1.	a) What is the principle of tissue expansion? b) What are the physiological changes which occur in the tissues after using a tissue expander?	3+7
2.	Describe with diagrams the geometry of: a) Rotation flap b) Transposition flap c) Bilobed flap	3+3+4
3.	a) What is the Jackson's model of burn wound? b) Enumerate types of burn injuries which need to be referred to a Burn Centre. c) What are the differences in burns of children as compared to adults?	3+4+3
4.	a) What are the factors which impair wound healing? b) What are the factors which lead to graft loss?	5+5
5.	a) What are biological dressings? b) Advantages of application of biological dressings in Plastic Surgery practice. c) Enumerate the different types of biological dressings.	3+4+3
6.	a) How do you classify muscle flaps? b) Draw diagrams of each type of muscle flap. Give two examples of each type.	6+4
7.	a) Pathophysiology of a hypertrophic scar. b) Clinical features of an immature scar, mature scar and a keloid.	4+(2+2+2)
8.	a) What is the reconstructive ladder? b) How has it changed in the last decade? c) What are the reasons for the change?	4+3+3
		P.T.O.

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9.	a) What is plagiarism and self plagiarism? b) What are the responsibilities of an Institutional Review Board? c) What is the importance of the Informed Consent Document in clinical research?	3+3+4
10.	a) Healing in bone after a fracture. b) How does tendon healing occur after repair?	5+5
