

PLASTIC SURGERY**PAPER – I**

Time : 3 hours

PLS/D/17/37/I

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. Various stages of normal wound healing and enumerate the factors leading to impairment of wound healing. 6+4
2. a) How does split skin graft take? 5+5
b) Various factors that influence the take of graft.
3. Geometrical basis of Z-plasty and its clinical application 6+4
4. Classify nerve injuries and discuss the physiological changes that occur following nerve injuries 5+5
5. Define perforator flap. Describe their anatomical basis and clinical applications 2+(4+4)
6. Basic principles of tissue expansion and the various applications in plastic surgery. 4+6
7. a) Basic physics involved in Lasers. 4+6
b) Clinical applications of Lasers in plastic surgical practice.
8. a) Tangential excision in burns 5+5
b) Burn wound sepsis.
9. a) What are biological dressings? 2+(4+4)
b) Various types and their role in wound healing.
10. a) Growth factors in wound healing 5+5
b) Negative pressure wound therapy
