

PLASTIC SURGERY

PAPER – I

Time : 3 hours
Max. Marks : 100

PLS/D/17/37/I

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
