

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:

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| 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?
b) Various factors that influence the take of graft. | 5+5 |
| 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.
b) Clinical applications of Lasers in plastic surgical practice. | 4+6 |
| 8. | a) Tangential excision in burns
b) Burn wound sepsis. | 5+5 |
| 9. | a) What are biological dressings?
b) Various types and their role in wound healing. | 2+(4+4) |
| 10. | a) Growth factors in wound healing
b) Negative pressure wound therapy | 5+5 |
