

PLASTIC SURGERY

PAPER – I

PLS/D/16/37/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) Basic principles of tissue expansion. 2+4+4
b) Changes that take place in the skin during expansion.
c) Uses of tissue expansion in Plastic Surgery.
2. a) Principles of nerve repair. 5+5
b) Mechanism of fracture healing in mandible.
3. a) Burn wound excision and grafting. 5+5
b) Negative pressure wound therapy.
4. a) Diagnosis and management of inhalational burn. 5+5
b) Biodegradable implants and its use in Plastic Surgery.
5. a) Vascular supply of skin. 5+5
b) Applied anatomy of propeller flap and its clinical applications.
6. a) Etiology and pathogenesis of pressure sore. 5+5
b) Surgical management of sacral pressure sore.
7. a) Nutritional assessment and nutrition support strategies in burn patients. 7+3
b) Burn wound sepsis.
8. Geometry of advancement, transposition and rotation flaps. 3+3+4
9. a) What is informed consent? 5+5
b) Why it is important for Plastic Surgeons?
10. a) Anatomy of Omentum. 3+7
b) What are its different uses in Reconstructive Plastic Surgery?
